SONY

HD CAMERA ADAPTOR

HDCA-350



HDVS

MAINTENANCE MANUAL

Volume 2 1st Edition (Revised 1)

Serial No. 10001 and Higher

SAFETY RELATED COMPONENT WARNING

Components identified by shading and ⚠ marked on the schematic diagrams and parts list are critical to safe operation. Replace these components with SONY parts whose part numbers appear as shown in this manual or in supplements published by SONY.

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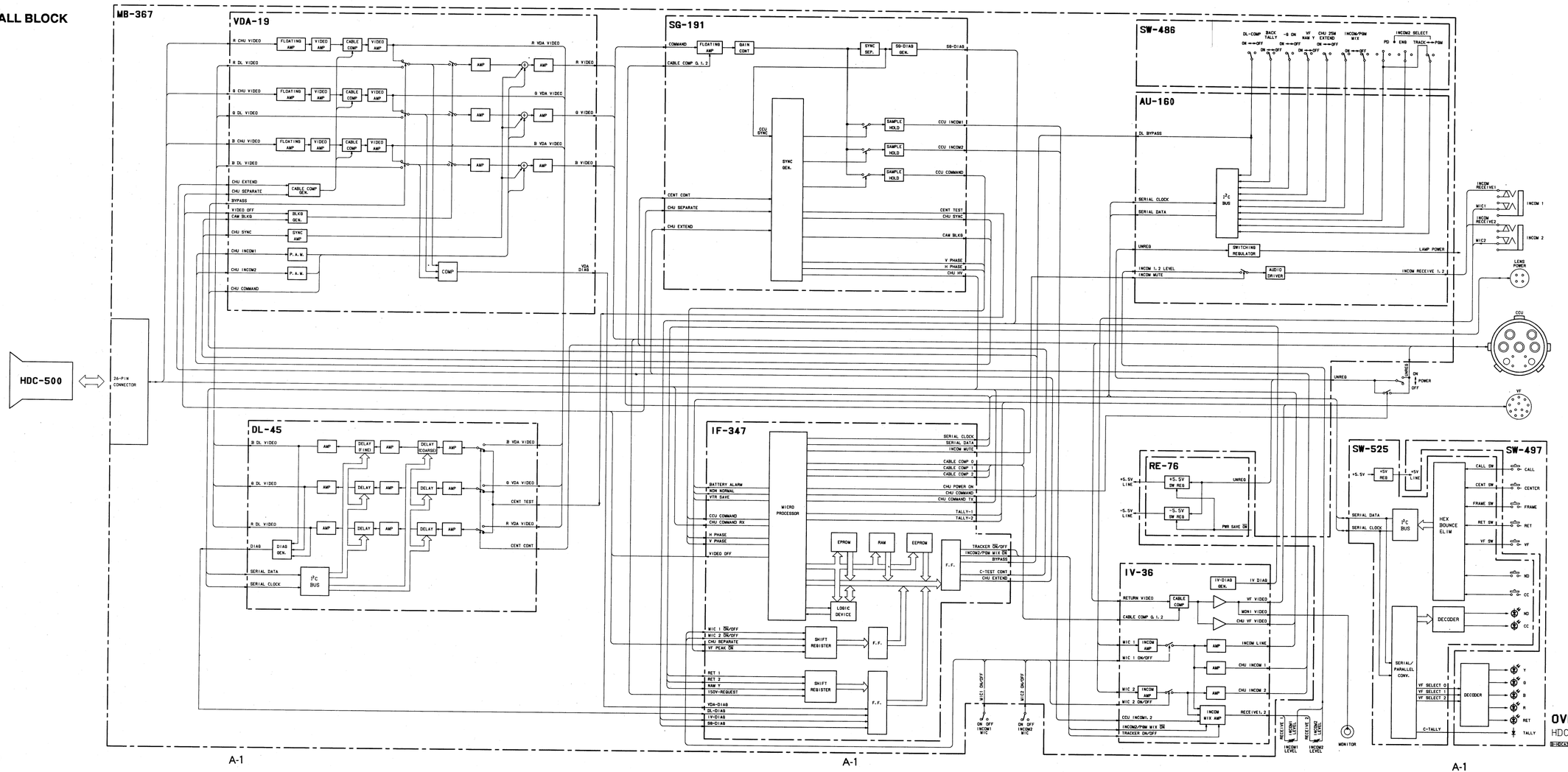
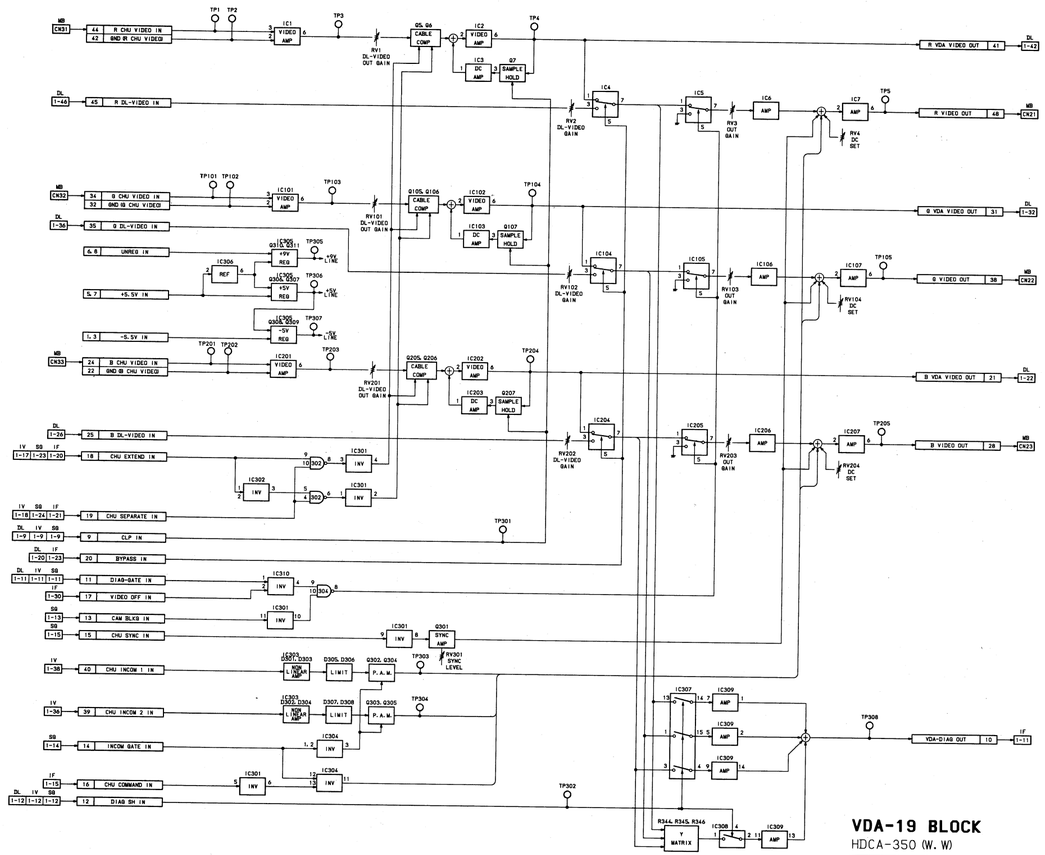
BLOCK DIAGRAMS

OVERALL BLOCK



VDA-19 VDA-19

VDA-19 BLOCK

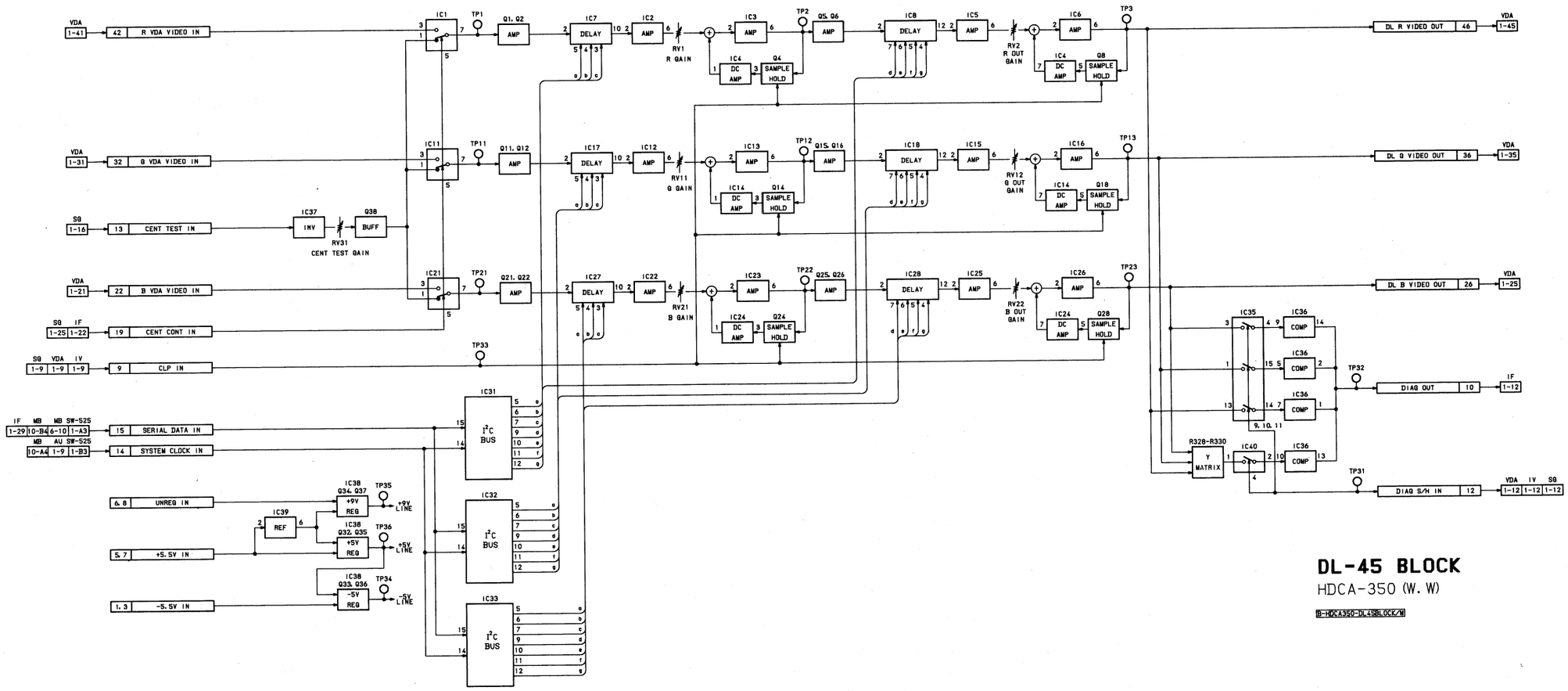


VDA-19 BLOCK

HDCA-350 (W, W)

B-HDCA350-VDA19BLOCK/W

DL-45 BLOCK

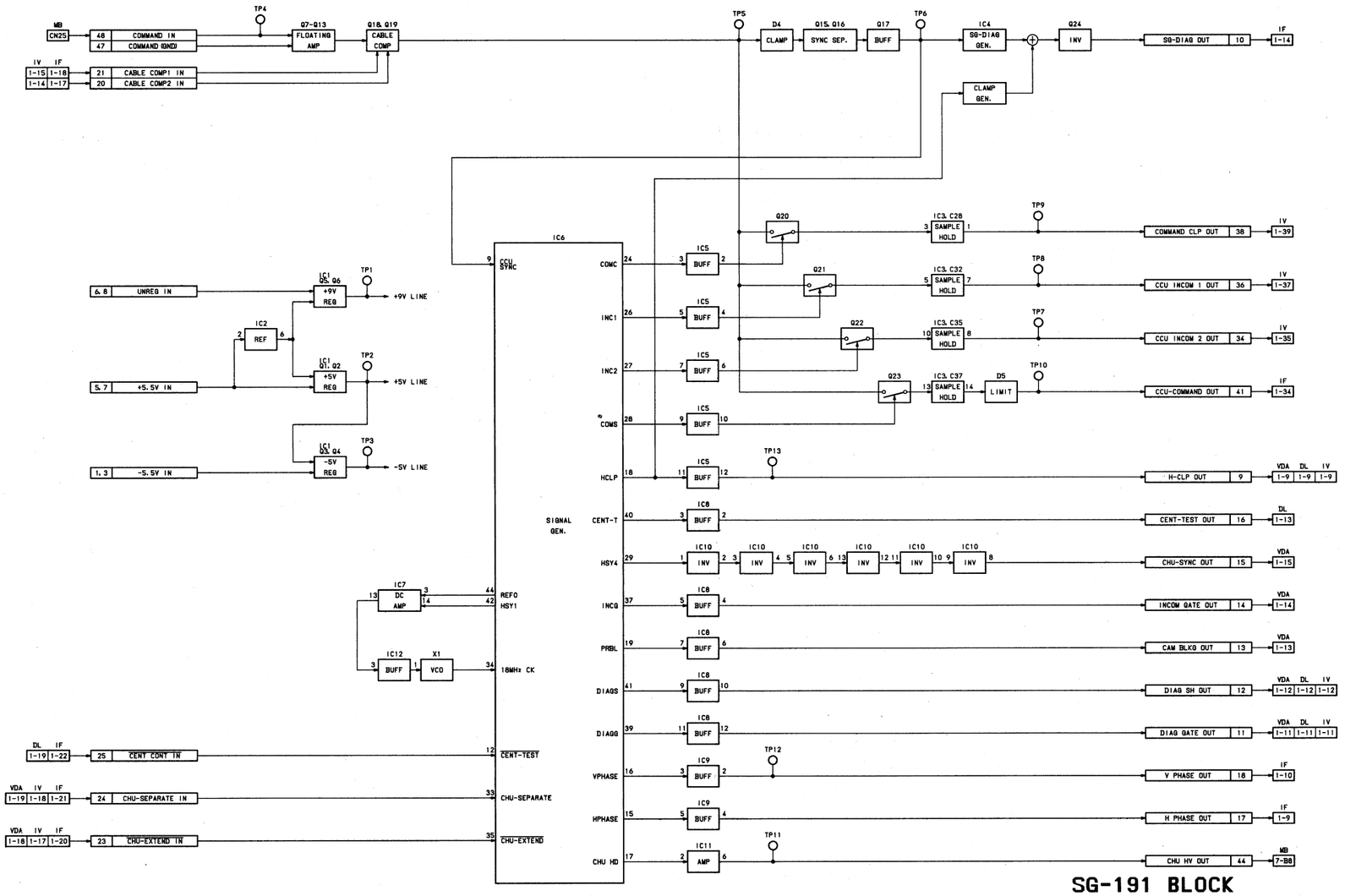


DL-45 BLOCK

HDCA-350 (W. W)

B-HDCA350-DL45BLOCK/W

SG-191 BLOCK

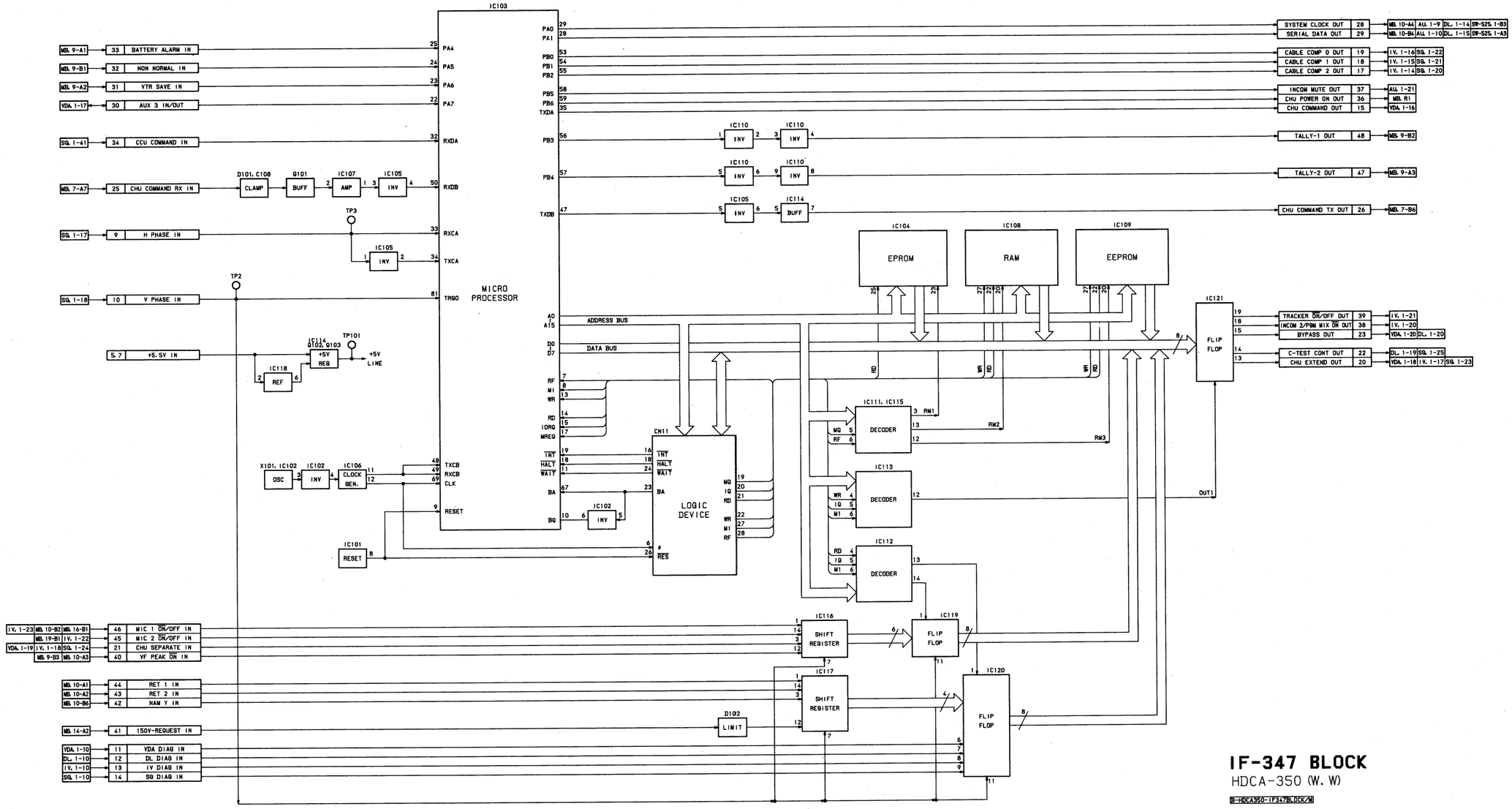


SG-191 BLOCK

HDCA-350 (W. W)

B-HDCA350-SG191BLOCK/W

IF-347 BLOCK

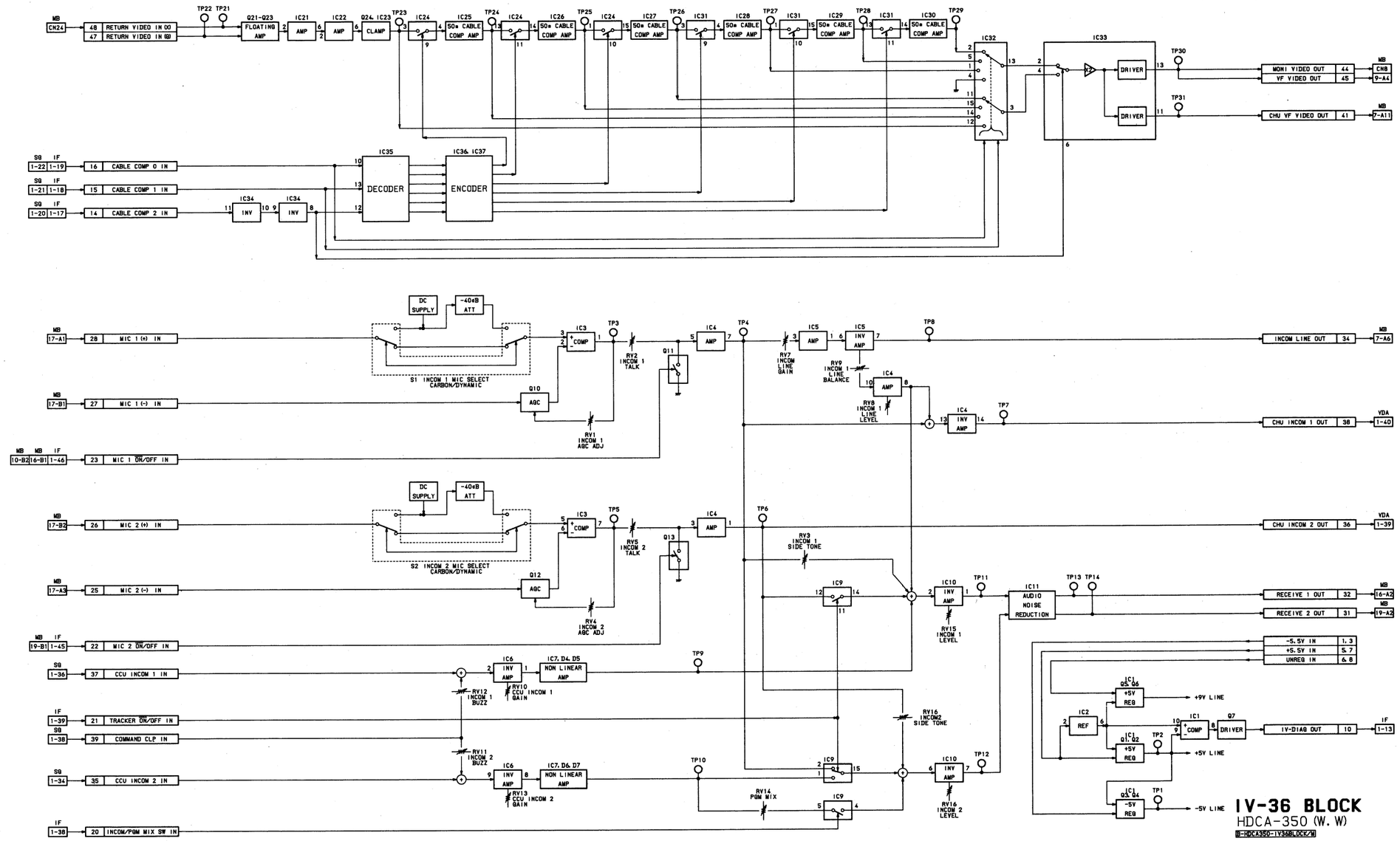


IF-347 BLOCK

HDCA-350 (W. W)

B-HDCA350-1F347BLOCK/M

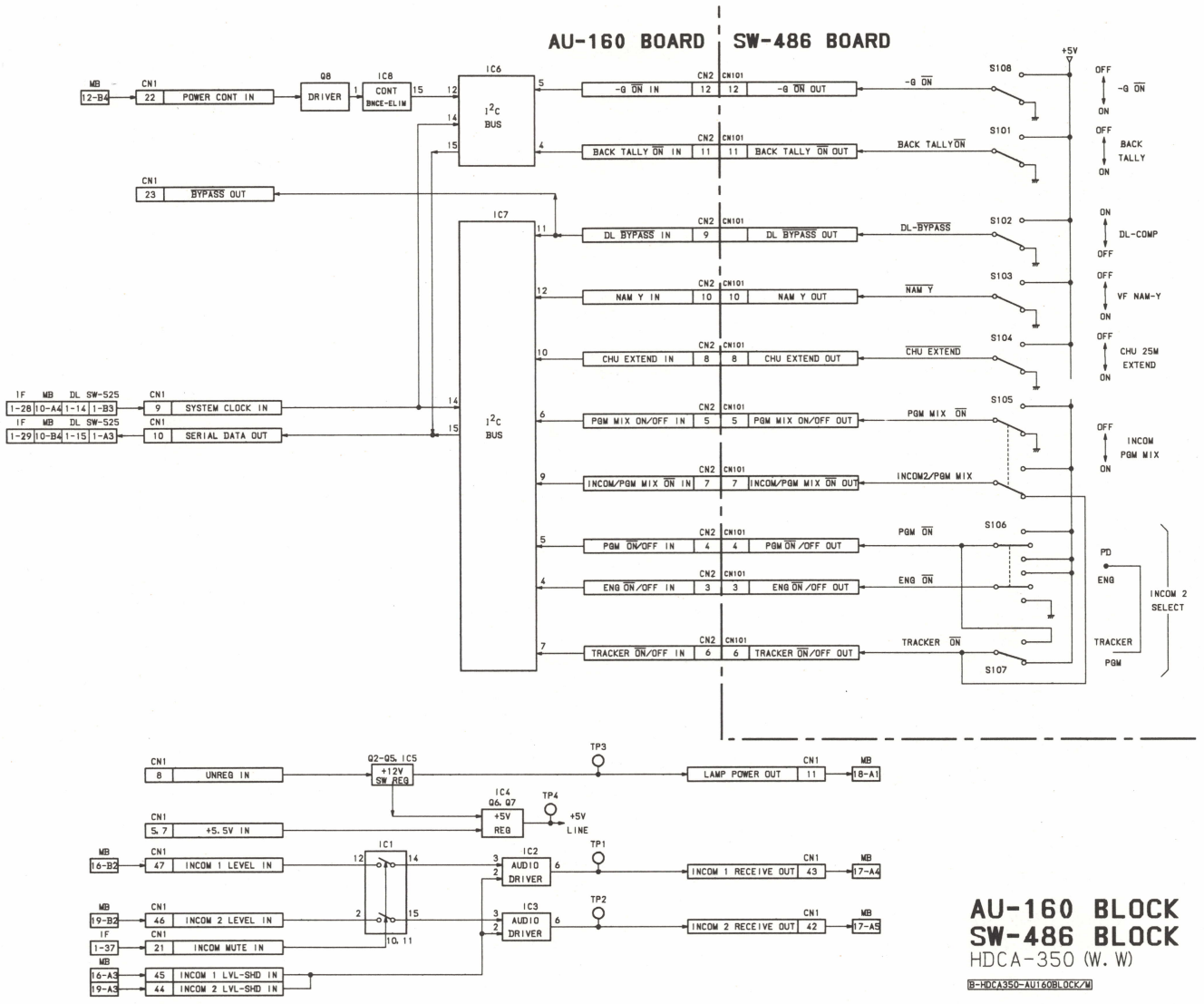
IV-36 BLOCK



IV-36 BLOCK
HDCA-350 (W, W)

B-HDCA350-IV36BLOCK/W

AU-160 BLOCK
SW-486 BLOCK



AU-160 BLOCK
SW-486 BLOCK
HDCA-350 (W. W)

B-HDCA350-AU160BLOCK/W

SECTION B
SEMICONDUCTOR PIN ASSIGNMENT

The circuit diagram of IC is obtained from the IC data book published by the manufacturer.

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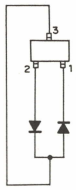
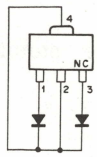
SN74HC00ANS	B-7
SN74HC04ANS	B-8
SN74HC08ANS	B-8
SN74HC138ANS	B-8
SN74HC139ANS	B-8
SN74HC151ANS	B-8
SN74HC244ANS	B-8
SN74HC4024NS	B-9
SN74HC574ANS	B-9
TC4050BF	B-9
TC4069UBF	B-9
TC40H004F	B-9
TC4S66F	B-9
TC74HC4052AF	B-9
TC74HC4053AF	B-10
TC74HC4538AF	B-10
TL062CPS	B-10
TL1451ACNS	B-10
TL1451CNS	B-10
TL7700CPS	B-10
TLC339CNS	B-10
TMPZ84C015AF-6	B-11
UPC311G2	B-12
UPC4062G2	B-12
UPC4064G	B-12

(SCALE 4/1)
TOP VIEW



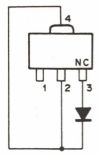
1SS123
HSM88AS

TOP VIEW (SCALE 4/1)



EA30QS04-F

TOP VIEW (SCALE 4/1)



EA60QC06-F

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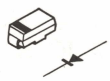
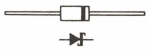
TOP VIEW



EC10QS-06



ERB81-004

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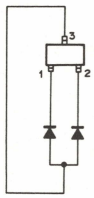
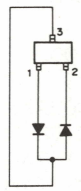
TOP VIEW



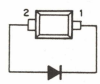
MA141WK

(SCALE 4/1)
TOP VIEW

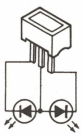


MA143

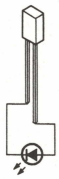
(SCALE 6/1)
TOP VIEW



MA8027-L
MA8039-H



MU03-2201 ; RED

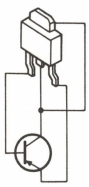


PG4553KY ; GREEN

(SCALE 4/1)
TOP VIEW

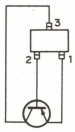


RD ? ?M



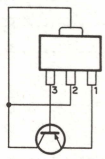
2SA1244LB

(SCALE 4/1)
TOP VIEW



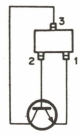
2SA1610
2SA1611

(SCALE 4/1)
TOP VIEW



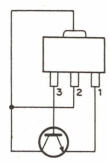
2SB1114

(SCALE 4/1)
TOP VIEW

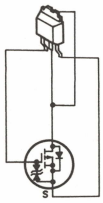


2SC1623
2SC4176
2SC4177

TOP VIEW (SCALE 4/1)

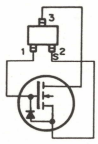


2SD1614



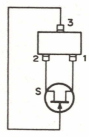
2SJ182S

TOP VIEW
(SCALE 4/1)



2SK1374

TOP VIEW (SCALE 4/1)



2SK425

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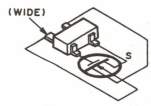
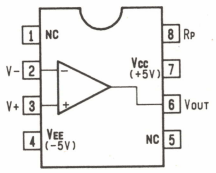


3SK163

CLC505AJE (COMLINEAR) FLAT PACKAGE

OPERATIONAL AMPLIFIER

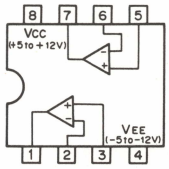
– TOP VIEW –



CXA1297M (SONY) FLAT PACKAGE

OPERATIONAL AMPLIFIER

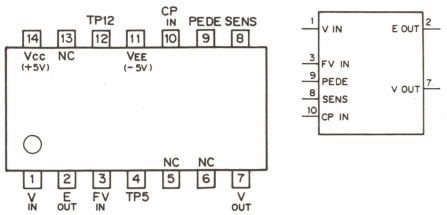
– TOP VIEW –



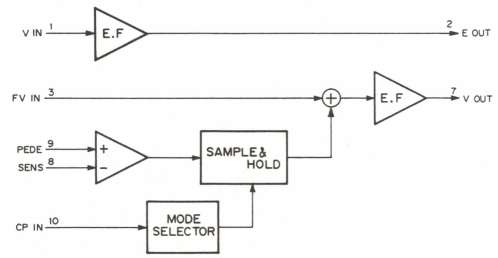
CXA1432M (SONY) FLAT PACKAGE

VIDEO SIGNAL CLAMPER

– TOP VIEW –



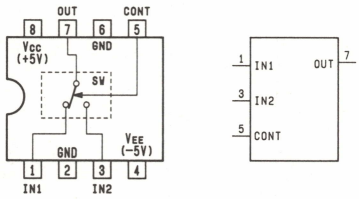
CP IN ; CLAMP PULSE INPUT
E OUT ; BUFFER AMP OUTPUT
FV IN ; FLOATING VIDEO SIGNAL INPUT
PEDE ; CLAMP LEVEL DC INPUT
SENS ; CLAMP POINT SIGNAL INPUT
TP5, TP12 ; FOR TEST
V IN ; VIDEO SIGNAL INPUT
V OUT ; VIDEO SIGNAL OUTPUT



CXA1450M (SONY) FLAT PACKAGE

VIDEO SIGNAL SWITCH

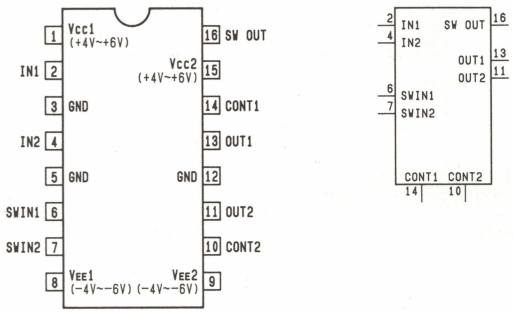
– TOP VIEW –



CXA1451M (SONY)

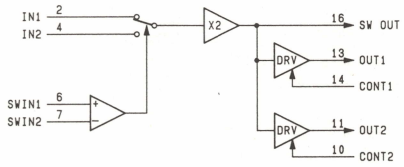
WIDEBAND VIDEO SWITCH

– TOP VIEW –



INPUT
CONT1, 2 ; POWER SAVE CONTROL PIN OF DRV.1 AND DRV.2
INT1, 2 ; 1/2-CHANNEL INPUT PIN
SWIN1, 2 ; IN1/IN2 PINS SWITCH CONTROL PIN

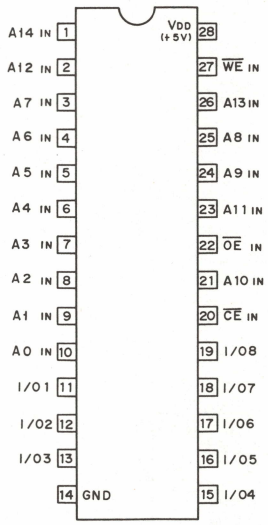
OUTPUT
OUT1, 2 ; OUTPUT PIN OF DRV.1/2
SWOUT ; OUTPUTS IN1 PIN OR IN2 PIN WHICH HAS BEEN SELECTED BY SWITCH.

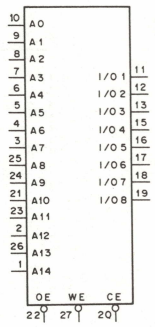


CXK58257AM-12L (SONY) FLAT PACKAGE

C-MOS 256K (32768x8)-BIT STATIC RAM

– TOP VIEW –

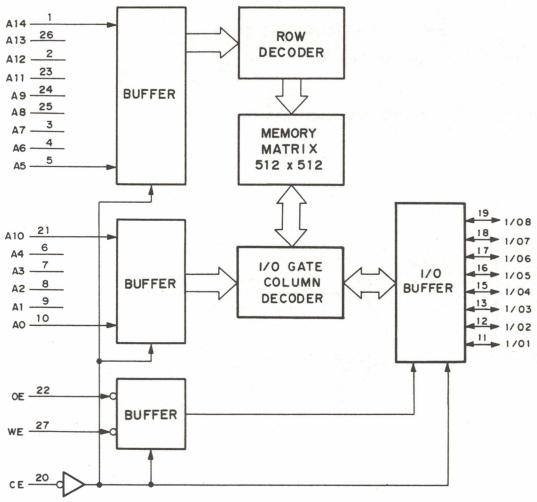




A0 – A14 : ADDRESS INPUTS
CE : CHIP ENABLE INPUT
I/01 – I/08 : DATA INPUTS/OUTPUTS
OE : OUTPUT ENABLE INPUT
WE : WRITE ENABLE INPUT

CE	OE	WE	MODE	I/O TERMINAL
1	×	×	NOT SELECT	HIGH IMPEDANCE
0	1	1	OUTPUT DISABLE	HIGH IMPEDANCE
0	0	1	READ	OUTPUT DATA
0	×	0	WRITE	INPUT DATA

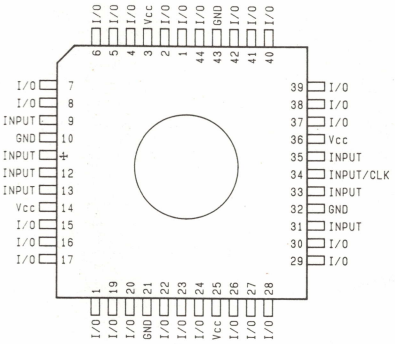
0 : LOW LEVEL
1 : HIGH LEVEL
×: DON'T CARE

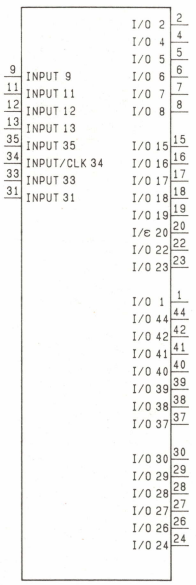


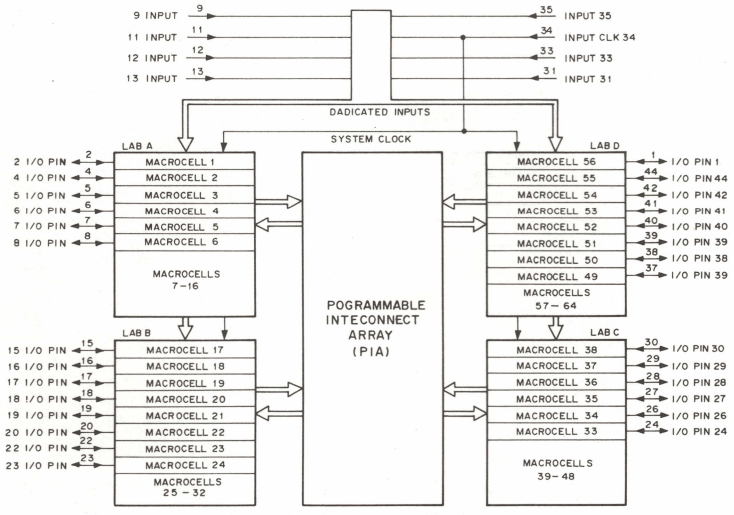
EPM5064JC (ALTERA)

C-MOS UV ERASABLE PROGRAMMABLE LOGIC DEVICE

– TOP VIEW –

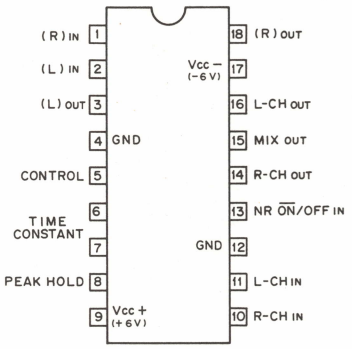


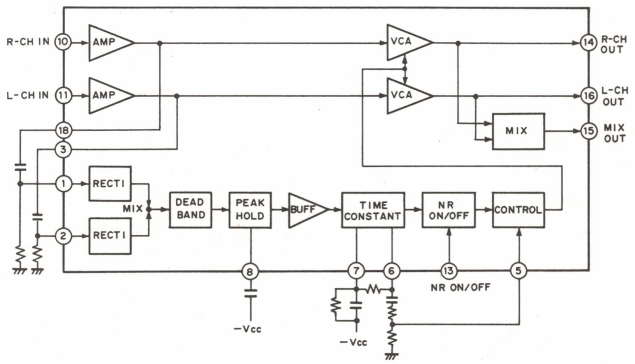




HA12043 (HITACHI)

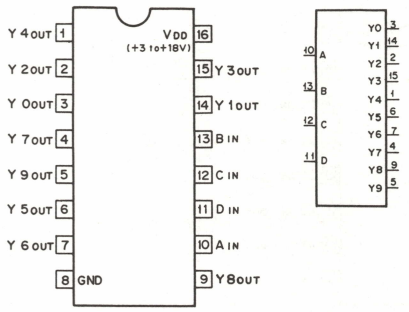
AUDIO NOISE REDUCTION SYSTEM FOR VIDEO DISC PLAYER
– TOP VIEW –





MC14028BF (MOTOROLA) FLAT PACKAGE

C-MOS BCD TO DECIMAL DECODER
– TOP VIEW –

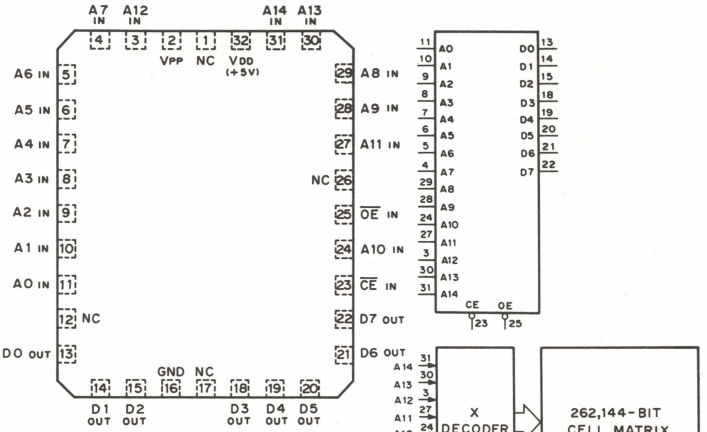


STATE	INPUTS				OUTPUTS								
	D	C	B	A	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9
0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	1	0	0	0	0	0	0	0	0
2	0	0	1	0	0	0	1	0	0	0	0	0	0	0
3	0	0	1	1	0	0	0	1	0	0	0	0	0	0
4	0	1	0	0	0	0	0	0	1	0	0	0	0	0
5	0	1	0	1	0	0	0	0	0	1	0	0	0	0
6	0	1	1	0	0	0	0	0	0	0	1	0	0	0
7	0	1	1	1	0	0	0	0	0	0	0	1	0	0
8	1	0	0	0	0	0	0	0	0	0	0	0	1	0
9	1	0	0	1	0	0	0	0	0	0	0	0	0	1
10	1	0	1	0	0	0	0	0	0	0	0	0	0	0
11	1	0	1	1	0	0	0	0	0	0	0	0	0	0
12	1	1	0	0	0	0	0	0	0	0	0	0	0	0
13	1	1	0	1	0	0	0	0	0	0	0	0	0	0
14	1	1	1	0	0	0	0	0	0	0	0	0	0	0
15	1	1	1	1	0	0	0	0	0	0	0	0	0	0

0 : LOW LEVEL
1 : HIGH LEVEL

MBM27C256A-20TV (FUJITSU) (ACCESS TIME = 200nS)

C-MOS 256K (32Kx8)-BIT ERASABLE PROM WITH 3-STATE OUTPUTS
– TOP VIEW –



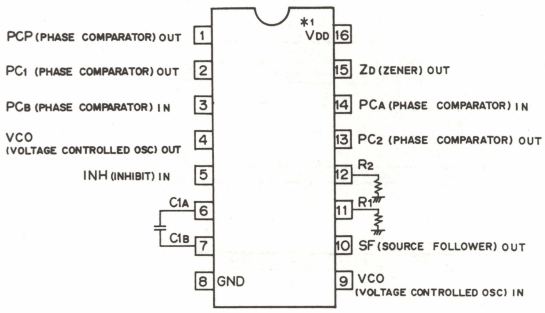
A0 – A14 : ADDRESS INPUT
$\overline{CE}$: CHIP ENABLE INPUT
D0 – D7 : DATA OUTPUT
$\overline{OE}$: OUTPUT ENABLE INPUT
V_{PP} : PROGRAM POWER SUPPLY

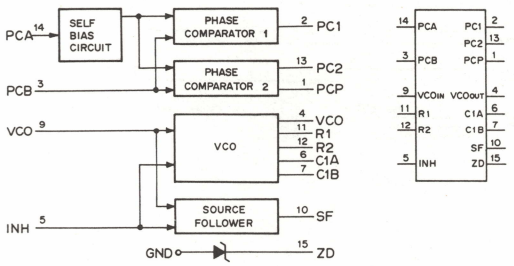
An	$\overline{CE}$	$\overline{OE}$	V_{PP}	Dn	FUNCTION
An	0	0	+ 5V	D_{OUT}	READ
An	0	1	+ 5V	HI-Z	OUTPUT DISABLE
X	1	X	+ 5V	HI-Z	STANDBY
An	0	1	+ 12.5V	D_{IN}	PGM
An	0	0	+ 12.5V	D_{OUT}	PGM VERIFY
X	1	1	+ 12.5V	HI-Z	PGM INH

0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE
HI-Z : HIGH IMPEDANCE

MC14046BF (MOTOROLA) FLAT PACKAGE

C-MOS PHASE LOCKED LOOP
– TOP VIEW –



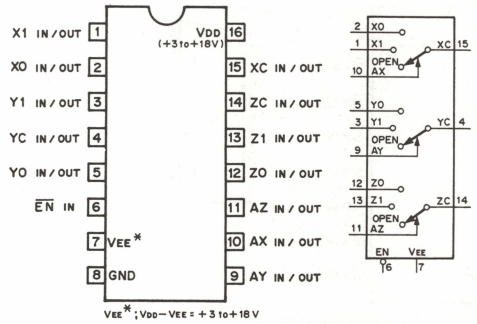


*1

TYPE	VDD
CD4046BE HD14046BP MC14046BCP MC14046BF TC4046BP	+3 to +8V
MC74HC4046AN	+2 to +6V

MC14053BF (MOTOROLA) FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS
– TOP VIEW –



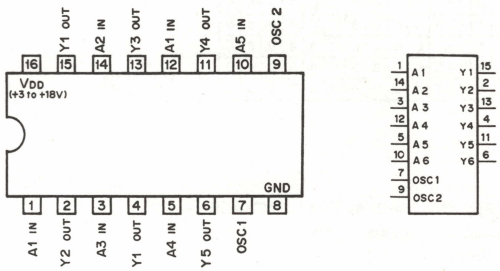
VEE* ; VDD – VEE = +3 to +18 V

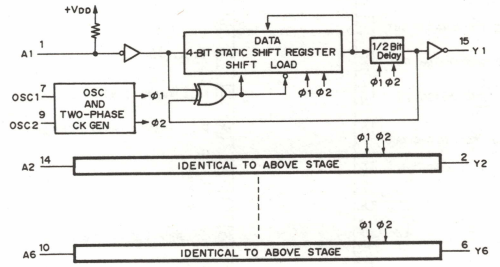
CONT. INPUTS		ON
EN	A (X,Y,Z)	CHANNEL
0	0	0
0	1	1
1	X	OPEN

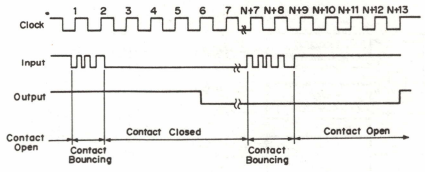
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE.

MC14490F (MOTOROLA) FLAT PACKAGE

C-MOS HEX CONTACT BOUNCE ELIMINATOR
– TOP VIEW –

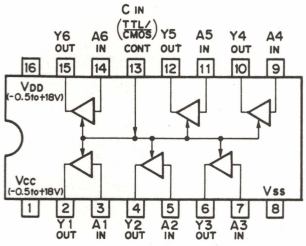






MC14504BF (MOTOROLA) FLAT PACKAGE

C-MOS HEX NON-INVERTING LEVEL SHIFTER
FOR TTL OR C-MOS TO C-MOS
– TOP VIEW –



MODE SELECTION

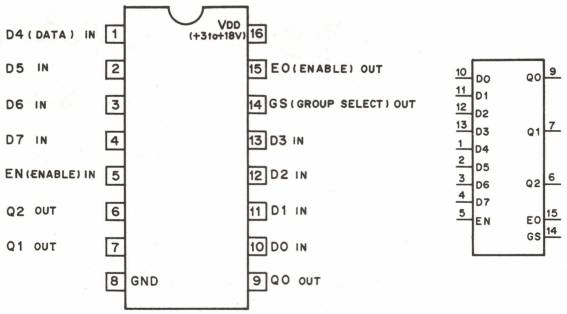
C	MODE
0	C-MOS
1	TTL

0 ; LOW LEVEL
1 ; HIGH LEVEL

Vss < A < Vcc
Vss < Y < VDD

MC14532BF (MOTOROLA) FLAT PACKAGE

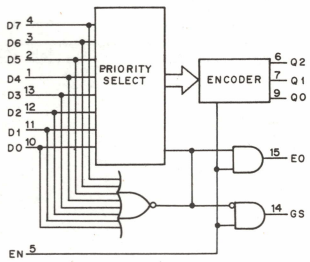
C-MOS 8-BIT PRIORITY ENCODER
– TOP VIEW –



D7 IS THE HIGHEST PRIORITY

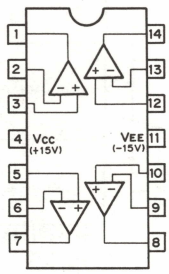
INPUTS									OUTPUTS				
EN	D7	D6	D5	D4	D3	D2	D1	D0	GS	Q2	Q1	Q0	EO
0	X	X	X	X	X	X	X	X	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	1
1	1	X	X	X	X	X	X	X	1	1	1	1	0
1	0	1	X	X	X	X	X	X	1	1	1	0	0
1	0	0	1	X	X	X	X	X	1	1	0	1	0
1	0	0	0	1	X	X	X	X	1	1	0	0	0
1	0	0	0	0	1	X	X	X	1	0	1	1	0
1	0	0	0	0	0	1	X	X	1	0	1	0	0
1	0	0	0	0	0	0	1	X	1	0	0	1	0
1	0	0	0	0	0	0	0	1	1	0	0	0	0

1 : HIGH LEVEL
0 : LOW LEVEL
X : DON'T CARE



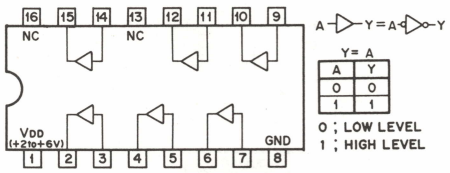
MC34184M (MOTOROLA) FLAT PACKAGE

JFET INPUT OPERATIONAL AMPLIFIER
– TOP VIEW –



MC74HC4050F (MOTOROLA) FLAT PACKAGE

C-MOS NON-INVERTING TYPE BUFFER/CONVERTER
– TOP VIEW –



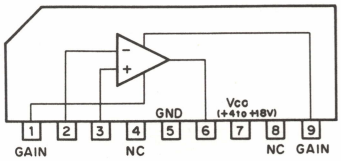
Y= A

A	Y
0	0
1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL

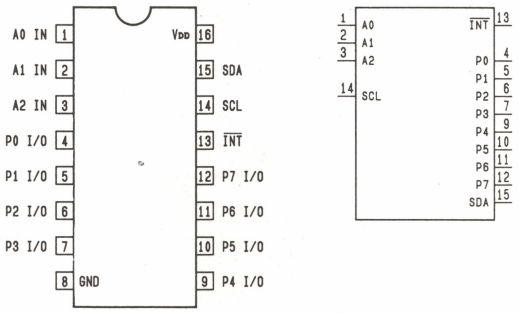
NJM386BS (JRC)

AUDIO POWER AMPLIFIER
– SIDE VIEW –



PCF8574T (PHILIPS)

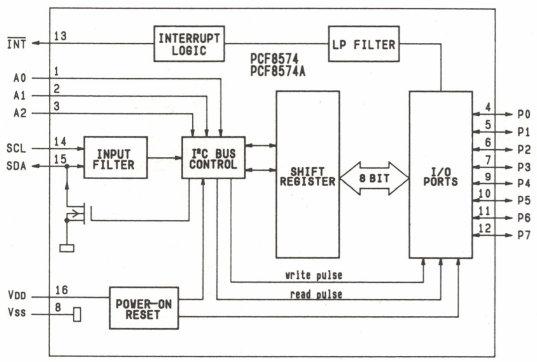
C-MOS REMOTE 8-BIT I/O EXPANDER
– TOP VIEW –



INPUT
A0–A2 ; ADDRESS INPUT
SCL ; SYSTEM CLOCK LINE

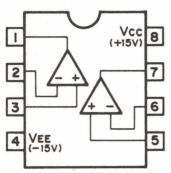
OUTPUT
INT ; INTERRUPT OUTPUT
SDA ; SERIAL DATA LINE

INPUT/OUTPUT
P0–P7 ; 8 BITS QUASI-BIDIRECTIONAL I/O PORT



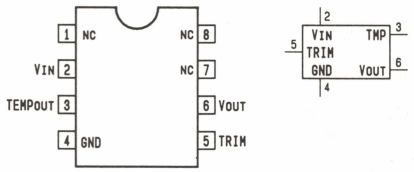
RC4556MA (RAYTHEON) FLAT PACKAGE

OPERATIONAL AMPLIFIER
(WIDE BAND, DECOMPENSATED)
– TOP VIEW –



REF-03GS (PMI)

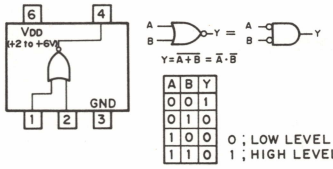
REFERENCE/TEMPERATURE TRANSDUCER
– TOP VIEW –



VIN ; INPUT VOLTAGE(+4.5Vto+33V)
TEMPOUT ; TEMPERATURE TRANSDUCER VOLTAGE OUTPUT
TRIMIN ; OUTPUT SIGNAL TRIMMING
VOUT ; OUTPUT VOLTAGE(+2.5V)

SC7S02F (MOTOROLA) FLAT PACKAGE

C-MOS 2-INPUT NOR GATE
– TOP VIEW –

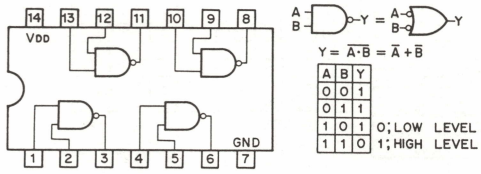


A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

SN74HC00ANS (TI) FLAT PACKAGE

C-MOS QUAD 2-INPUT NAND GATES
– TOP VIEW –



A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

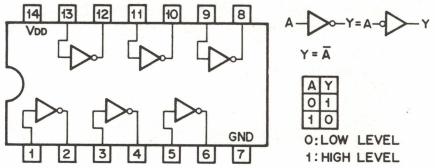
NOTE :

TYPE	VDD
TC74AC00 TYPE	+2 to +5.5V
MC74HCT00N	+5V
74ACT00 TYPE	+4.5 to +5.5V
OTHER TYPES	+2 to +6V

SN74HC04ANS (TI) FLAT PACKAGE

C-MOS HEX INVERTERS

– TOP VIEW –



A	Y
0	1
1	0

0: LOW LEVEL
1: HIGH LEVEL

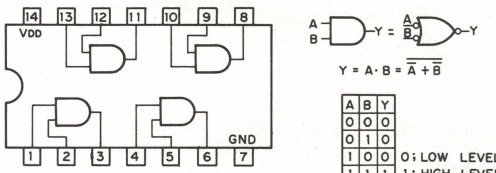
NOTE :

TYPE	VDD
74HCT04 TYPE	+5V
TC74AC04 TYPE	+2 to +5.5V
74ACT04 TYPE	+4.5 to +5.5V
OTHER TYPES	+2 to +6V

SN74HC08ANS (TI) FLAT PACKAGE

C-MOS QUAD 2-INPUT AND GATES

– TOP VIEW –



A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL

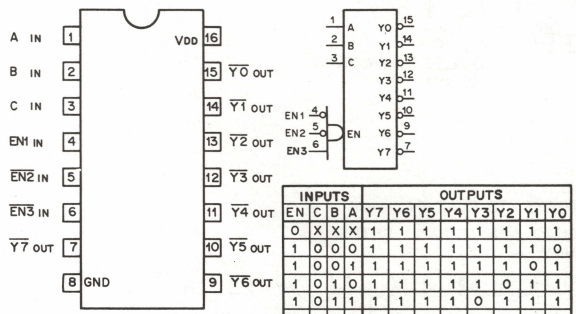
NOTE :

TYPE	VDD
TC74AC08F	+2 to +5.5V
OTHER TYPES	+2 to +6V

SN74HC138ANS (TI) FLAT PACKAGE

C-MOS 3-TO-8 LINE DECODER/DEMULTIPLEXER

– TOP VIEW –



INPUTS				OUTPUTS							
EN	C	B	A	Y7	Y6	Y5	Y4	Y3	Y2	Y1	Y0
0	X	X	X	1	1	1	1	1	1	1	1
1	0	0	0	1	1	1	1	1	1	1	0
1	0	0	1	1	1	1	1	1	1	0	1
1	0	1	0	1	1	1	1	1	0	1	1
1	0	1	1	1	1	1	1	0	1	1	1
1	1	0	0	1	1	1	0	1	1	1	1
1	1	0	1	1	1	0	1	1	1	1	1
1	1	1	0	1	0	1	1	1	1	1	1
1	1	1	1	0	1	1	1	1	1	1	1

EN = $\overline{EN1} \cdot \overline{EN2} \cdot EN3$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

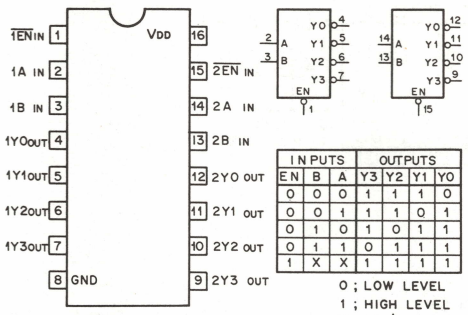
NOTE :

TYPE	VDD
74HCT138 TYPE	+5V
74ACT138 TYPE	+4.5 to +5.5V
TC74AC138 TYPE	+2 to +5.5V
OTHER TYPES	+2 to +6V

SN74HC139ANS (TI) FLAT PACKAGE

C-MOS DUAL 2-TO-4 DECODER/DEMULTIPLEXER

– TOP VIEW –



INPUTS			OUTPUTS			
EN	B	A	Y3	Y2	Y1	Y0
0	0	0	1	1	1	0
0	0	1	1	1	0	1
0	1	0	1	0	1	1
0	1	1	0	1	1	1
1	X	X	1	1	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

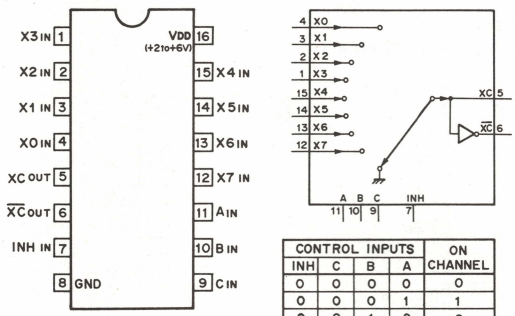
NOTE :

TYPE	VDD
74AC/74HC	+2 to +6V
74ACT	+5V
TC74AC139	+2 to +5.5V

SN74HC151ANS (TI) FLAT PACKAGE

C-MOS 8-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER

– TOP VIEW –



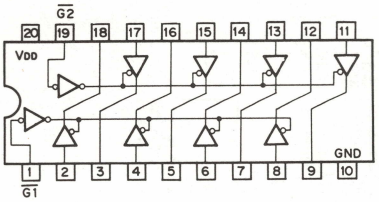
CONTROL INPUTS				ON
INH	C	B	A	CHANNEL
0	0	0	0	0
0	0	0	1	1
0	0	1	0	2
0	0	1	1	3
0	1	0	0	4
0	1	0	1	5
0	1	1	0	6
0	1	1	1	7
1	X	X	X	GND

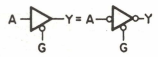
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

SN74HC244ANS (TI) FLAT PACKAGE

C-MOS BUS BUFFER WITH 3-STATE OUTPUTS

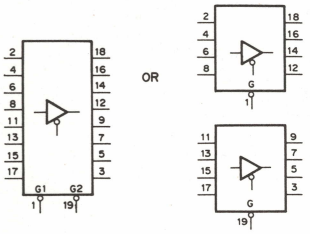
– TOP VIEW –





G	A	Y
0	0	0
0	1	1
1	X	HI-Z

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
HI-Z; HIGH IMPEDANCE



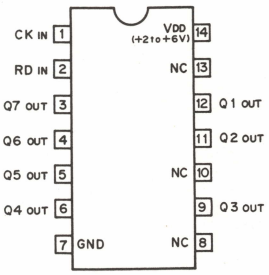
NOTE :

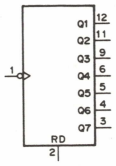
TYPE	VDD
AC HC 40H	+2 to +6V
ACT HCT	+5V

SN74HC4024NS (TI) FLAT PACKAGE

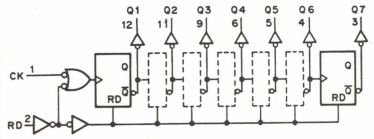
C-MOS 7-BIT BINARY COUNTERS

– TOP VIEW –





COUNT	INPUTS		OUTPUTS						
	CK	RD	Q7	Q6	Q5	Q4	Q3	Q2	Q1
0	X	1	0	0	0	0	0	0	0
1	↓	0	0	0	0	0	0	0	1
2	↓	0	0	0	0	0	0	1	0
3	↓	0	0	0	0	0	0	1	1
125	↓	0	1	1	1	1	1	0	1
126	↓	0	1	1	1	1	1	1	0
127	↓	0	1	1	1	1	1	1	1
–	0	0	NO CHANGE						
–	1	0							

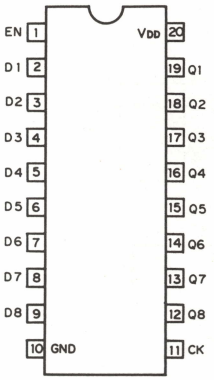


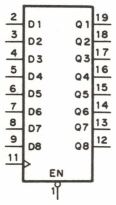
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

SN74HC574ANS (TI) FLAT PACKAGE

C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP

– TOP VIEW –

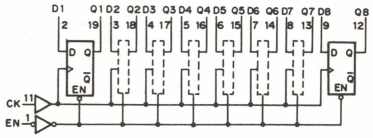




EACH FLIP-FLOP

INPUTS			OUT
EN	CK	D	Q
0	↑	1	1
0	↑	0	0
0	↓	X	Qo
1	X	X	HI–Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE
Qo ; NO CHANGE



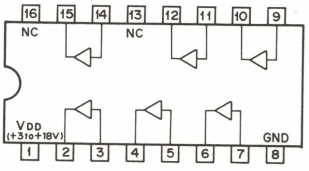
NOTE :

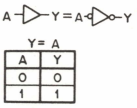
TYPE	VDD
74AC/74HC	+ 2 to + 6V
74ACT/74HCT	+ 5V
TC74AC574F	+ 2 to + 5.5V

TC4050BF (TOSHIBA) FLAT PACKAGE

C-MOS NON-INVERTING TYPE BUFFER/CONVERTER

– TOP VIEW –





Y = A

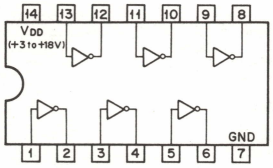
A	Y
0	0
1	1

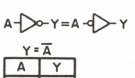
0 ; LOW LEVEL
1 ; HIGH LEVEL

TC4069UBF (TOSHIBA) FLAT PACKAGE

C-MOS INVERTER

– TOP VIEW –





$Y = \overline{A}$

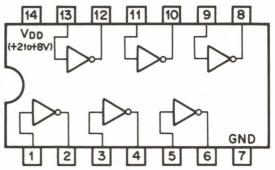
A	Y
0	1
1	0

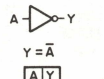
0 ; LOW LEVEL
1 ; HIGH LEVEL

TC40H004F (TOSHIBA) FLAT PACKAGE

C-MOS INVERTER

– TOP VIEW –





$Y = \overline{A}$

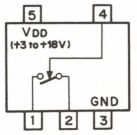
A	Y
0	1
1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

TC4S66F (TOSHIBA)

C-MOS BILATERAL ANALOG SWITCH

– TOP VIEW –





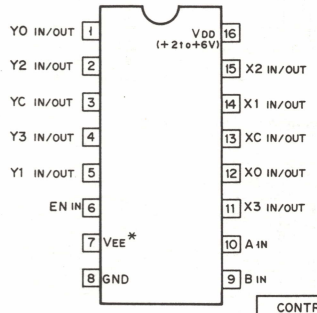
CONTROL	SWITCH
0	OFF
1	ON

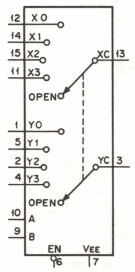
0 ; LOW LEVEL
1 ; HIGH LEVEL

TC74HC4052AF (TOSHIBA) FLAT PACKAGE

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER

– TOP VIEW –





VEE* ; VDD – VEE = + 3 to +12 V

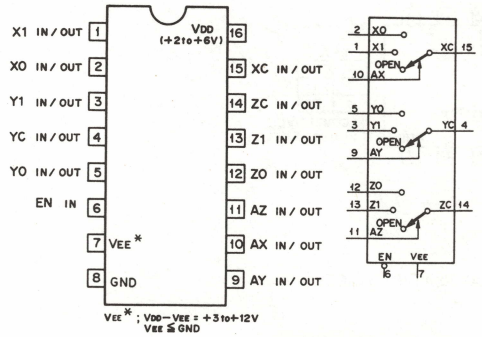
CONTROL INPUTS			"ON" CHANNEL
EN	B	A	
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	X	X	OPEN

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE.

TC74HC4053AF (TOSHIBA) FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER

– TOP VIEW –



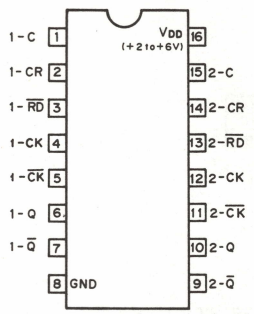
CONT. INPUTS		ON
EN	A (X, Y, Z)	CHANNEL
0	0	0
0	1	1
1	X	OPEN

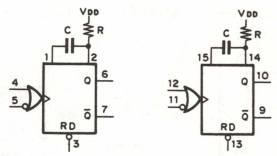
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE.

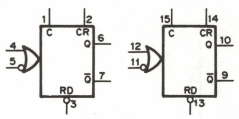
TC74HC4538AF (TOSHIBA) FLAT PACKAGE

C - MOS DUAL RETRIGGERABLE / NON - RETRIGGERABLE MONOSTABLE MULTIVIBRATOR

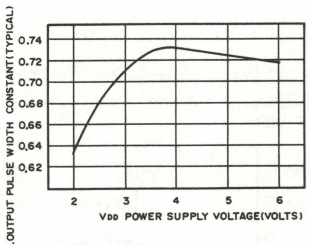
– TOP VIEW –





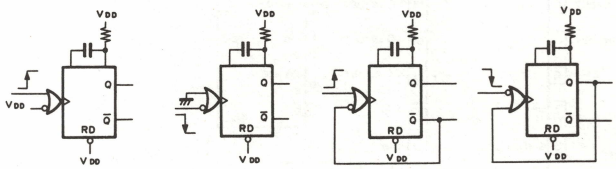


OUTPUT PULSE WIDTH = k·C·R



RETRIGGERABLE M.M.V

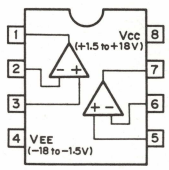
NON-RETRIGGERABLE M.M.V



TL062CPS (TI) FLAT PACKAGE

OPERATIONAL AMPLIFIER
(JFET INPUT)

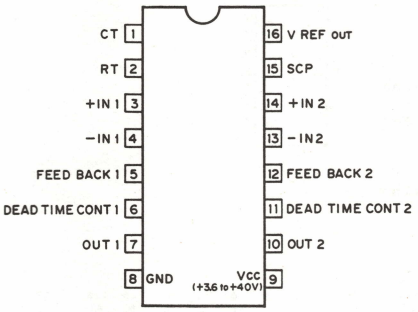
– TOP VIEW –

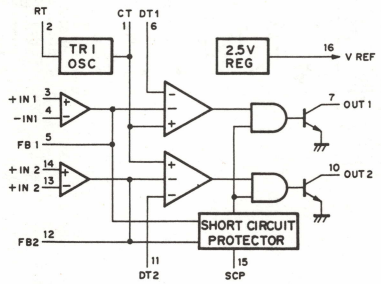


TL1451ACNS (TI) FLAT PACKAGE
TL1451CNS (TI) FLAT PACKAGE

DUAL PWM POWER CONTROLLER

– TOP VIEW –

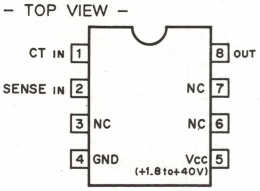


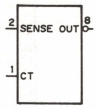


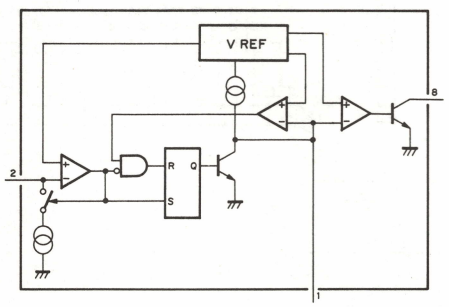
TL7700CPS (TI) FLAT PACKAGE

VARIABLE SUPPLY VOLTAGE SUPERVISOR

– TOP VIEW –



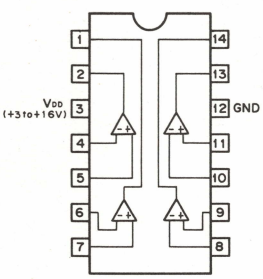




TLC339CNS (TI)

QUAD COMPARATOR

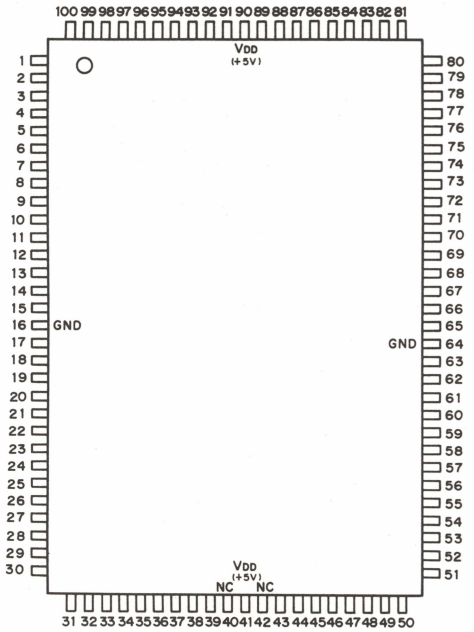
– TOP VIEW –



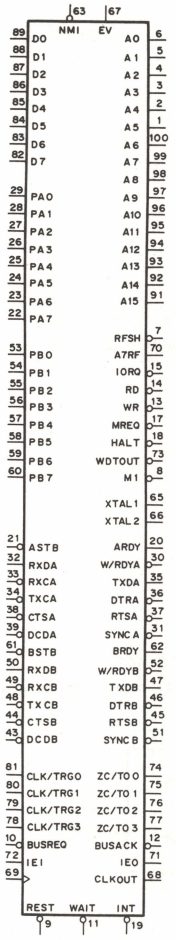
TMPZ84C015AF-6 (TOSHIBA) FLAT PACKAGE

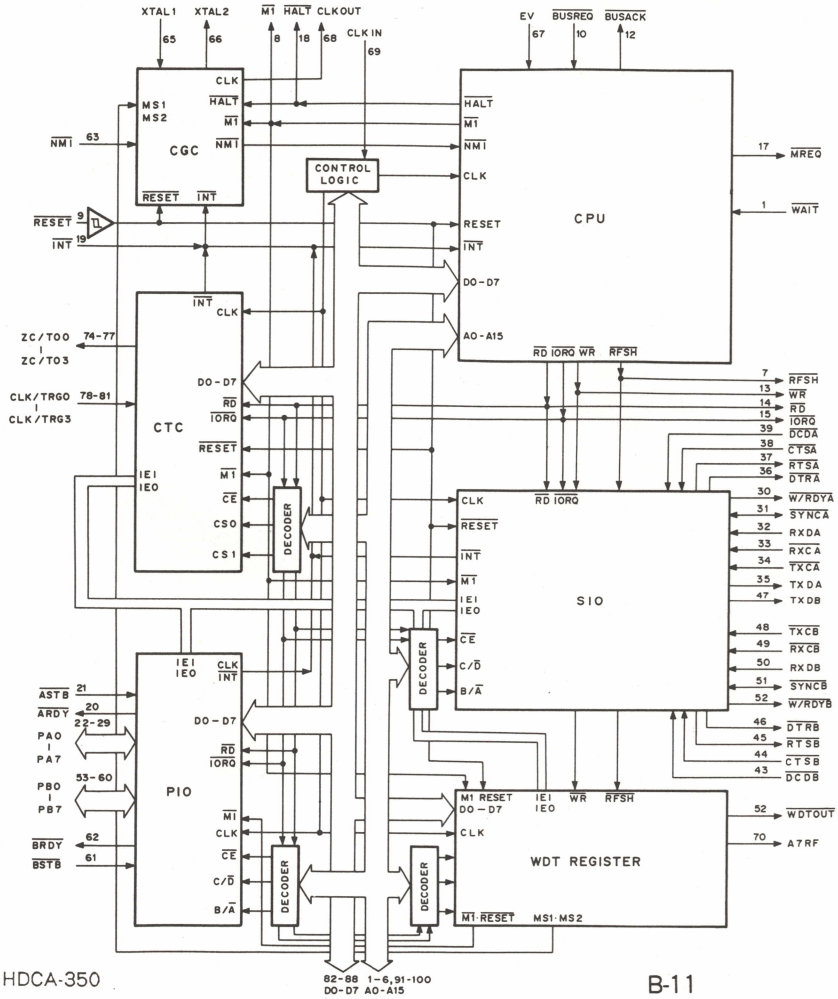
C-MOS 8-BIT MICROPROCCESSOR

– TOP VIEW –



NO.	IN	OUT	SYMBOL	NO.	IN	OUT	SYMBOL
1		O	A5	51	O	O	SYNCB
2		O	A4	52		O	W/RDYB
3		O	A3	53	O	O	PB0
4		O	A2	54	O	O	PB1
5		O	A1	55	O	O	PB2
6		O	A0	56	O	O	PB3
7		O	RFSH	57	O	O	PB4
8		O	M1	58	O	O	PB5
9	O		REST	59	O	O	PB6
10	O		BUSREQ	60	O	O	PB7
11	O		WAIT	61	O		BSTB
12		O	BUSACK	62		O	BRDY
13		O	WR	63	O		NMI
14		O	RD	64			GND
15		O	IORQ	65	O		XTAL1
16			GND	66		O	XTAL2
17		O	MREQ	67	O		EV
18		O	HALT	68		O	CLKOUT
19	O		INT	69	O		CLKIN
20		O	ARDY	70		O	A7RF
21	O		ASTB	71		O	IEO
22	O	O	PA7	72	O		IEI
23	O	O	PA6	73		O	WDTOUT
24	O	O	PA5	74		O	ZC/TO0
25	O	O	PA4	75		O	ZC/TO1
26	O	O	PA3	76		O	ZC/TO2
27	O	O	PA2	77		O	ZC/TO3
28	O	O	PA1	78	O		CLK/TRG3
29	O	O	PA0	79	O		CLK/TRG2
30		O	W/RDYA	80	O		CLK/TRG1
31	O	O	SYNCA	81	O		CLK/TRG0
32	O		RXDA	82	O	O	D7
33	O		RXCA	83	O	O	D6
34	O		TXCA	84	O	O	D5
35		O	TXDA	85	O	O	D4
36		O	DTRA	86	O	O	D3
37		O	RTSA	87	O	O	D2
38	O		CTSA	88	O	O	D1
39	O		DCDA	89	O	O	D0
40			NC	90			VDD
41			VDD	91		O	A15
42			NC	92		O	A14
43	O		DCDB	93		O	A13
44	O		CTSB	94		O	A12
45		O	RTSB	95		O	A11
46		O	DTRB	96		O	A10
47		O	TXDB	97		O	A9
48	O		TXCB	98		O	A8
49	O		RXCB	99		O	A7
50	O		RXDB	100		O	A6

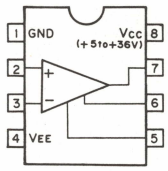




A0 – A15	; 3-STATE ADDRESS BUS OUTPUTS
BUSACK	; BUS ACKNOWLEDGE OUTPUT
BUSREQ	; BUS REQUEST INPUT
CLK/TRIG0 – 3	; EXTERNAL CLOCK/TIMER TRIGGER 0 – 3 INPUTS
D0 – D7	; 3-STATE DATA BUS INPUTS/OUTPUTS
EV	; EVALUATER INPUT
HALT	; HALT OUTPUT
IEI/IEO	; CTC INTERRUPT ENABLE INPUT/OUTPUT
INT	; MASKABLE INTERRUPT REQUEST/INPUT
IORQ	; 3-STATE I/O REQUEST OUTPUT
M1	; 3-STATE MACHINE CYCLE 1 OUTPUT
MREQ	; 3-STATE MEMORY REQUEST OUTPUT
NMI	; NON-MASKABLE INTERRUPT REQUEST INPUT
PA0 – PA7, PB0 – PB7	; 3-STATE I/O PORT
RD	; 3-STATE READ OUTPUT
REST	; RESET INPUT
RFSH	; REFRESH OUTPUT
WAIT	; WAIT REQUEST INPUT
WR	; 3-STATE WRITE OUTPUT
ZC/TO0 – 3	; ZERO COUNT/TIME OUT 0 – 3 OUTPUTS
ASTB	; PORT A STROBE PULSE INPUT
ARDY	; REGISTER A READY OUTPUT
BSTB	; PORT B STROBE PULSE INPUT
BRDY	; REGISTER B READY OUTPUT
SYNCA, SYNCB	; SYNC INPUT/OUTPUT
W/RADYA, W/RADYB	; WAIT/READY OUTPUT
RXDA, RXDB	; SERIAL DATA INPUT
RXCA, RXCB	; RECEIVE CLOCK INPUT
TXCA, TXCB	; TRANSMISSION CLOCK INPUT
TXDA, TXDB	; SERIAL DATA OUTPUT
DTRA, DTRB	; DATA TERMINAL READY OUTPUT
RTSA, RTSB	; TRANSMISSION REQUEST OUTPUT
CTSA, CTSB	; TRANSMISSION ENABLE INPUT
DCDA, DCDB	; DATA CARRIER DETECT OUTPUT
WDTOUT	; WATCH DOG TIMER OUTPUT

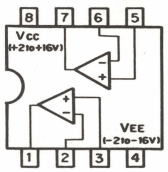
UPC311G2 (NEC) FLAT PACKAGE

VOLTAGE COMPARATOR
– TOP VIEW –



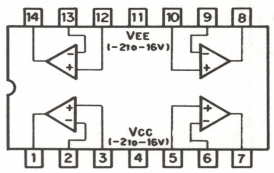
UPC4062G2 (NEC) FLAT PACKAGE

TTL-DUAL OPERATIONAL AMPLIFIER WITH LOW POWER CONSUMPTION
– TOP VIEW –



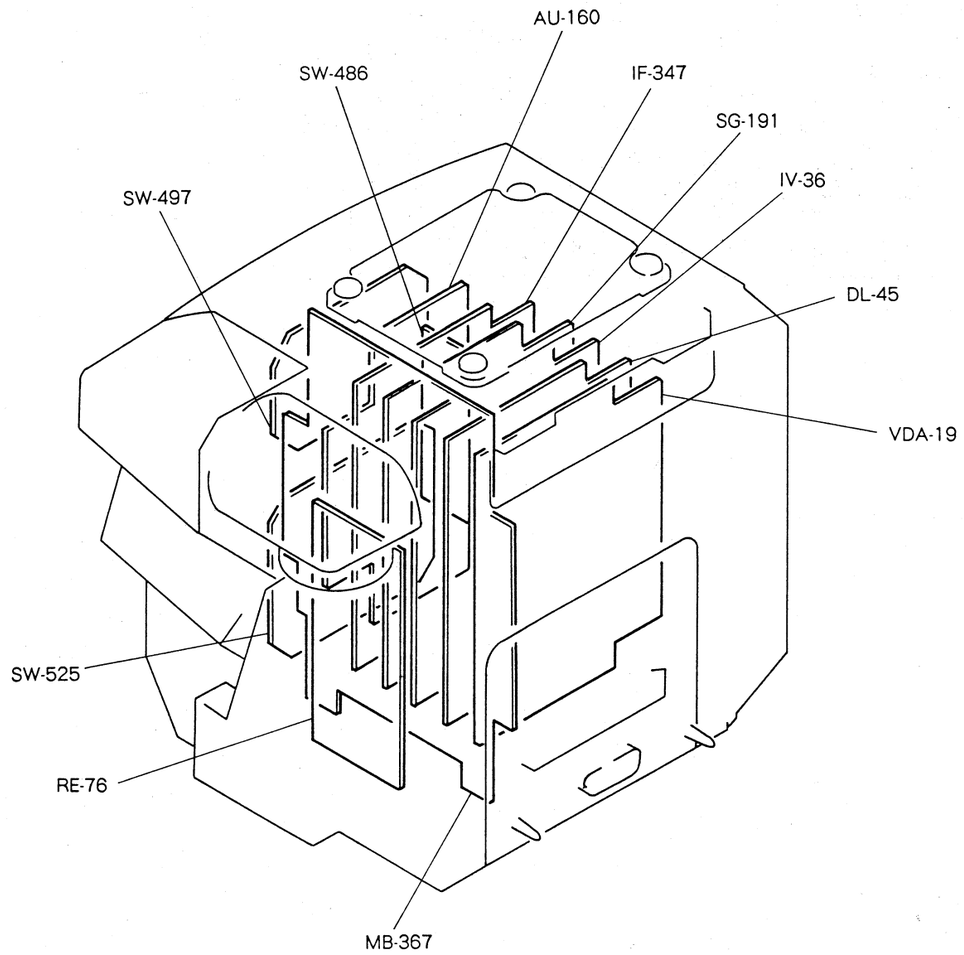
UPC4064G (NEC) FLAT PACKAGE

TTL-QUAD OPERATIONAL AMPLIFIER WITH LOW POWER CONSUMPTION
– TOP VIEW –



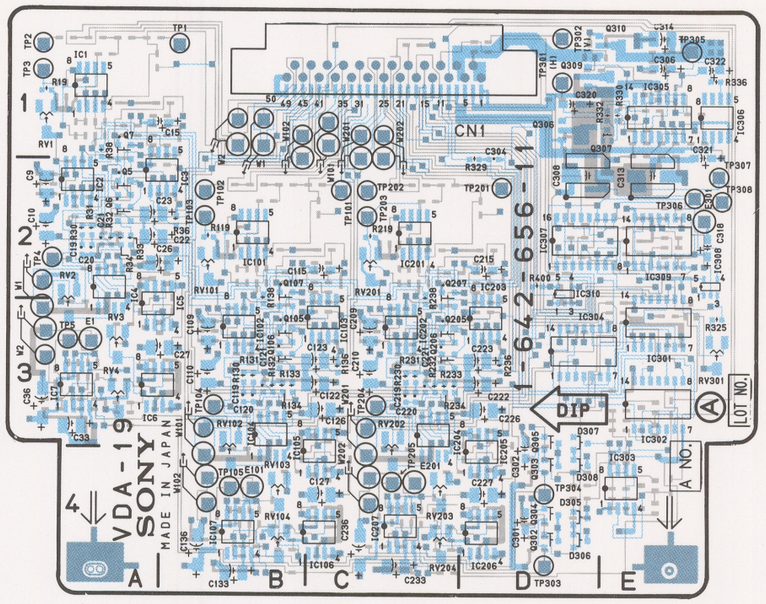
SECTION C
SCHEMATIC DIAGRAMS AND BOARD ILLUSTRATIONS

BOARD LAYOUT



C-1

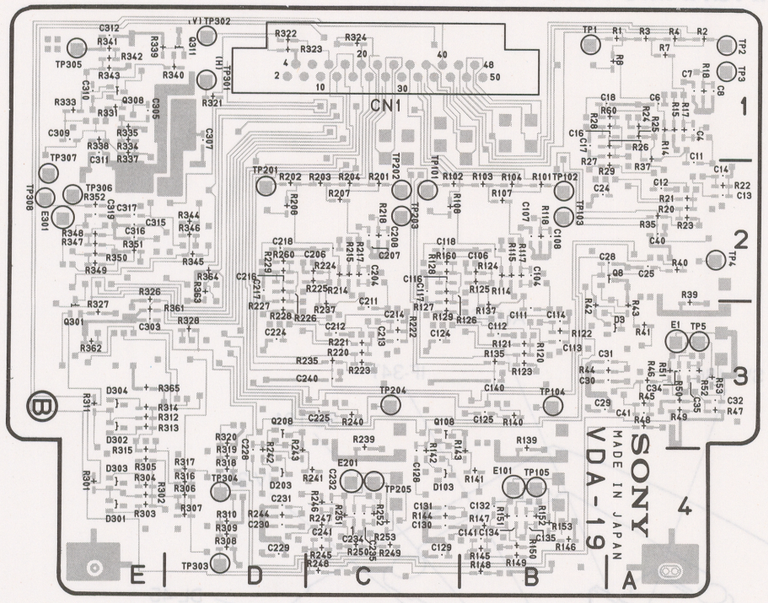
VDA-19 BOARD



1-642-656-11 COMPONENT SIDE

VDA-19 1-642-656-11

CN1	C-1	Q302	D-4
		Q303	D-4
D305	D-4	Q304	D-4
D306	D-4	Q305	D-3
D307	D-3	Q306	D-1
D308	D-4	Q307	D-1
		Q309	D-1
E1	A-3	Q310	E-1
E101	B-4		
E201	C-4	RV1	A-1
E3011	E-2	RV2	A-2
		RV3	A-3
IC1	A-1	RV4	A-3
IC2	A-2	RV101	B-2
IC3	B-2	RV102	B-3
IC4	A-2	RV103	B-4
IC5	B-3	RV104	B-4
IC6	A-3	RV201	C-2
IC7	A-3	RV202	C-3
IC101	B-2	RV203	C-4
IC102	B-3	RV204	C-4
IC103	C-3	RV301	E-3
IC104	B-3		
IC105	C-4	TP1	B-1
IC106	C-4	TP2	A-1
IC107	B-4	TP3	A-1
IC201	C-2	TP4	A-2
IC202	C-3	TP5	A-3
IC203	D-2	TP101	C-2
IC204	C-3	TP102	B-2
IC205	D-3	TP103	B-2
IC206	D-4	TP104	B-3
IC207	C-4	TP105	B-4
IC301	E-3	TP201	D-2
IC302	E-3	TP202	C-2
IC303	E-4	TP203	C-2
IC304	D-3	TP204	C-3
IC305	E-1	TP205	C-4
IC306	E-1	TP301	D-1
IC307	D-2	TP302	D-1
IC308	E-2	TP303	D-4
IC309	E-2	TP304	D-4
IC310	D-2	TP305	E-1
		TP306	E-2
Q5	A-2	TP307	E-2
Q6	A-2	TP308	E-2
Q7	A-1		
Q105	B-3		
Q106	B-3		
Q107	B-2		
Q205	C-3		
Q206	C-3		
Q207	C-2		

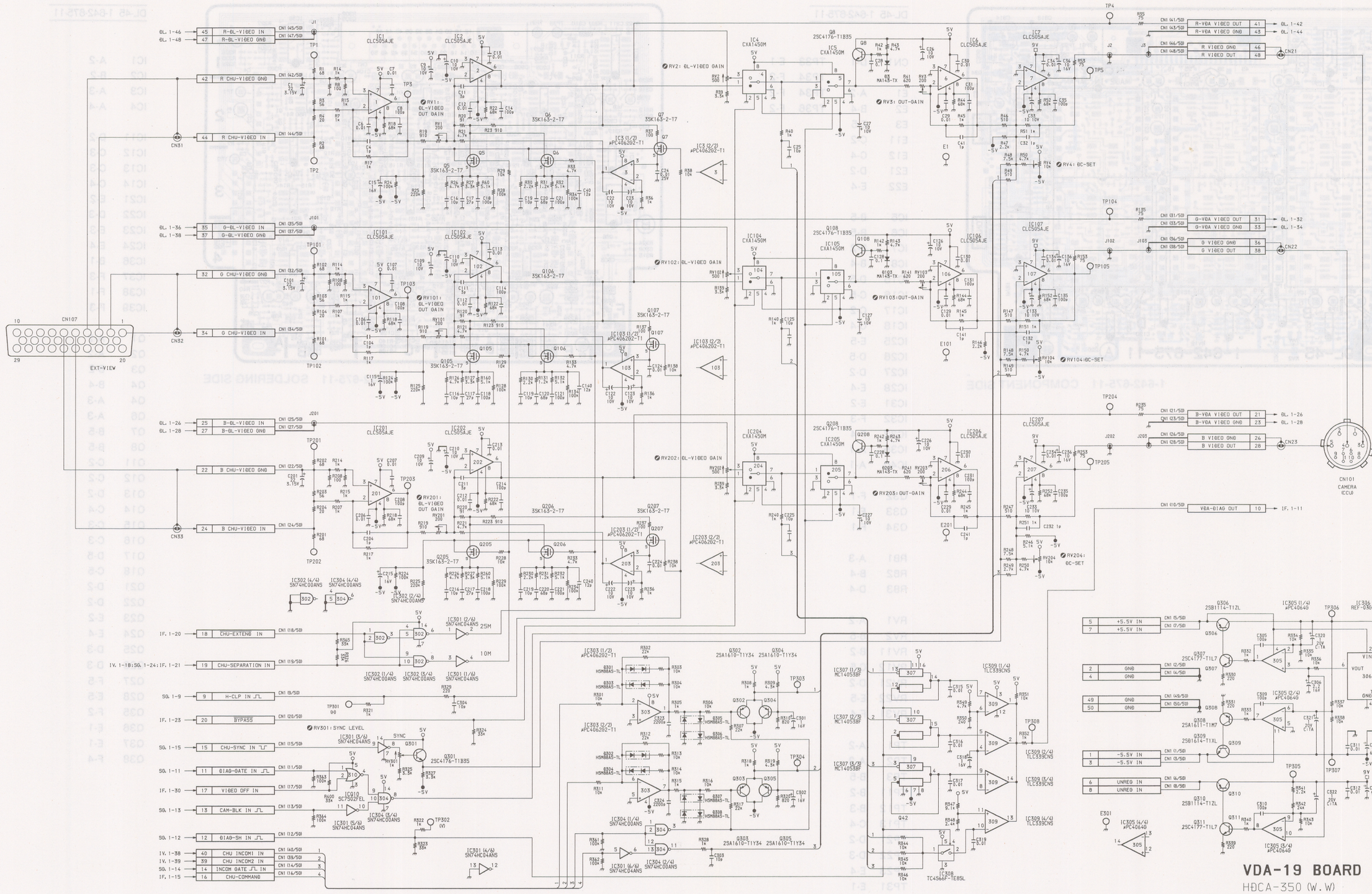


1-642-656-11 SOLDERING SIDE

VDA-19 1-642-656-11

D103	C-4		
D203	E-4		
D301	E-4		
D302	E-3		
D303	E-4		
D304	E-3		
Q8	A-2		
Q108	C-3		
Q208	D-3		
Q301	E-3		
Q308	E-1		
Q311	D-1		

VDA-19 BOARD



HDCA-350

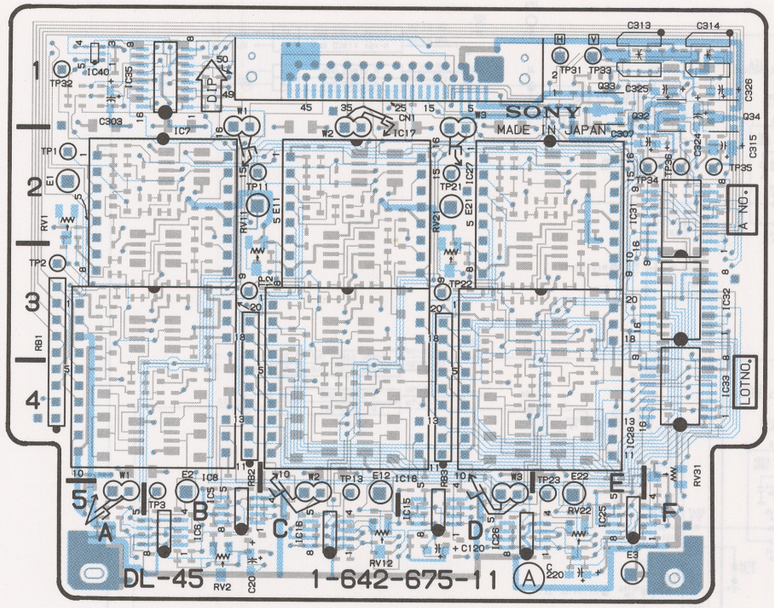
C-3

C-3

A | B | C | D | E | F | G | H

1 | 2 | 3 | 4 | 5

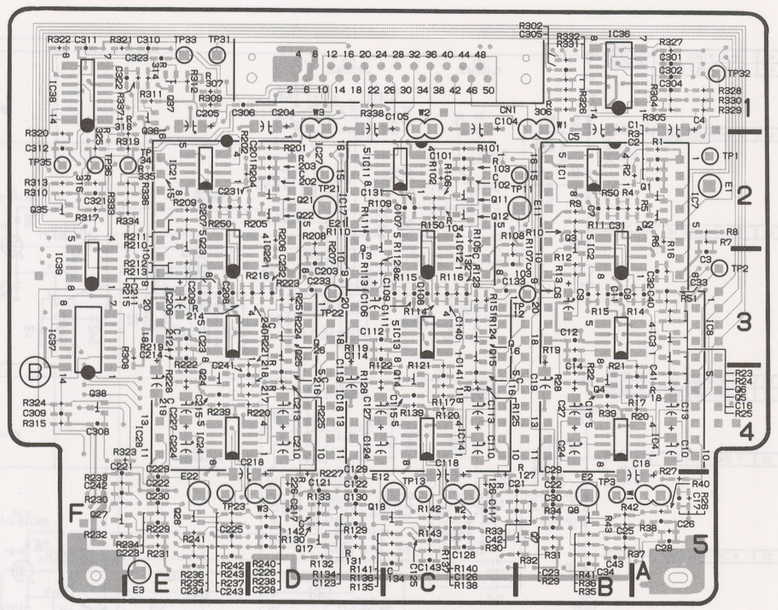
DL-45 BOARD



1-642-675-11 COMPONENT SIDE

DL-45 1-642-675-11

CN1	D-1	TP33	E-1
		TP34	F-2
E1	A-2	TP34	F-2
E2	B-4	TP36	F-2
E3	E-5		
E11	C-2		
E12	C-4		
E21	D-2		
E22	E-4		
IC5	B-5		
IC6	B-5		
IC7	B-2		
IC8	B-4		
IC15	D-5		
IC16	C-5		
IC17	C-2		
IC18	C-4		
IC25	E-5		
IC26	D-5		
IC27	D-2		
IC28	E-4		
IC31	E-2		
IC32	F-3		
IC33	F-4		
IC35	A-1		
IC40	A-1		
Q32	F-1		
Q33	E-1		
Q34	F-1		
RB1	A-3		
RB2	B-4		
RB3	D-4		
RV1	A-2		
RV2	B-5		
RV11	B-2		
RV12	C-5		
RV21	D-2		
RV22	E-5		
RV31	F-4		
TP1	A-2		
TP2	A-3		
TP3	B-5		
TP11	B-2		
TP12	B-3		
TP13	C-4		
TP21	D-2		
TP22	D-3		
TP23	E-4		
TP31	E-1		
TP32	A-1		

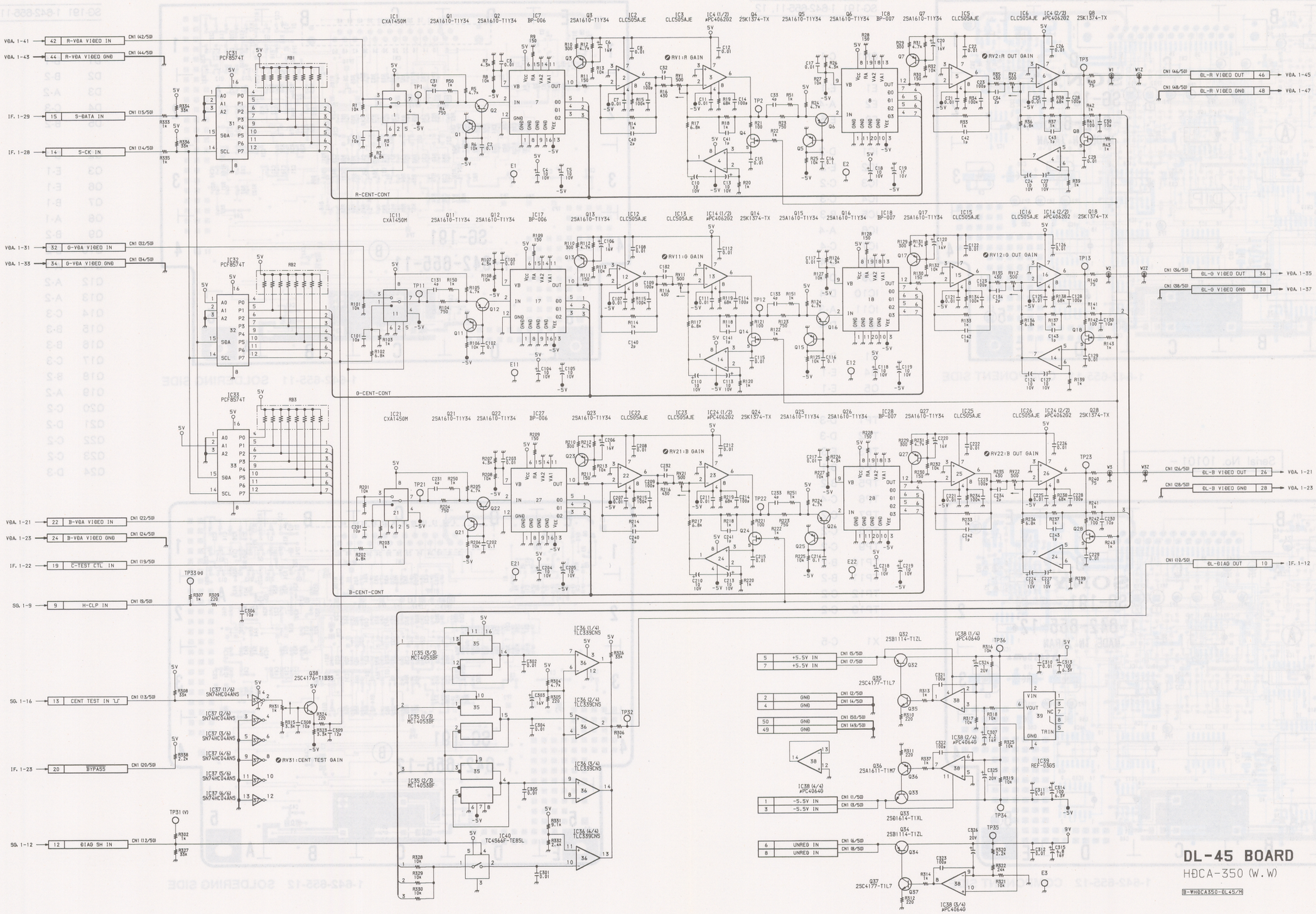


1-642-675-11 SOLDERING SIDE

DL-45 1-642-675-11

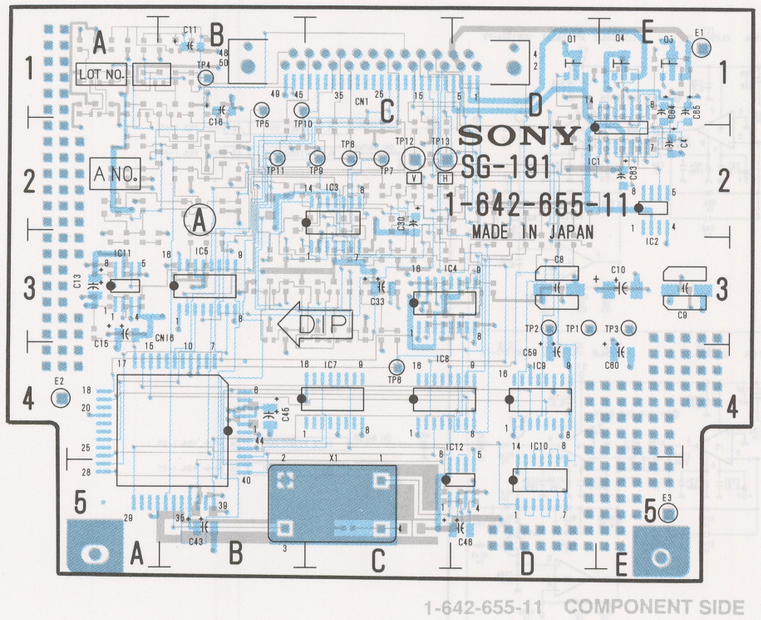
IC1	A-2	Q1	A-2
IC2	B-2	Q2	A-2
IC3	A-3	Q3	B-2
IC4	A-4	Q4	B-4
IC11	D-2	Q4	A-3
IC12	C-3	Q6	A-3
IC13	C-3	Q7	B-5
IC14	C-4	Q8	B-5
IC21	E-2	Q11	C-2
IC22	D-3	Q12	C-2
IC23	E-3	Q13	D-2
IC24	E-4	Q14	C-4
IC36	B-1	Q15	C-3
IC37	F-3	Q16	C-3
IC38	F-1	Q17	D-5
IC39	F-3	Q18	C-5
		Q21	D-2
		Q22	D-2
		Q23	E-2
		Q24	E-4
		Q25	D-3
		Q26	D-3
		Q27	F-5
		Q28	E-5
		Q35	F-2
		Q36	E-1
		Q37	E-1
		Q38	F-4

DL-45 BOARD


R-CENT-CONT
G-CENT-CONT
B-CENT-CONT
RV1:R GAIN
RV2:R OUT GAIN
RV11:G GAIN
RV12:G OUT GAIN
RV21:B GAIN
RV22:B OUT GAIN
RV31:CENT TEST GAIN
VBA. 1-41
VBA. 1-43
IF. 1-29
IF. 1-28
VBA. 1-31
VBA. 1-33
VBA. 1-21
VBA. 1-23
IF. 1-22
SG. 1-9
SG. 1-16
IF. 1-23
SG. 1-12
R-VBA VIDEO IN
R-VBA VIDEO GND
S-DATA IN
S-CK IN
G-VBA VIDEO IN
G-VBA VIDEO GND
B-VBA VIDEO IN
B-VBA VIDEO GND
C-TEST CTL IN
H-CLP IN
CENT TEST IN
BYPASS
DIAG SH IN
+5.5V IN
-5.5V IN
UNREG IN
GND
BL-R VIDEO OUT
BL-R VIDEO GND
BL-G VIDEO OUT
BL-G VIDEO GND
BL-B VIDEO OUT
BL-B VIDEO GND
BL-DIAG OUT
DL-45 BOARD
HDCA-350 (W.W)
B-WHDCA350-DL45/M

SG-191 BOARD

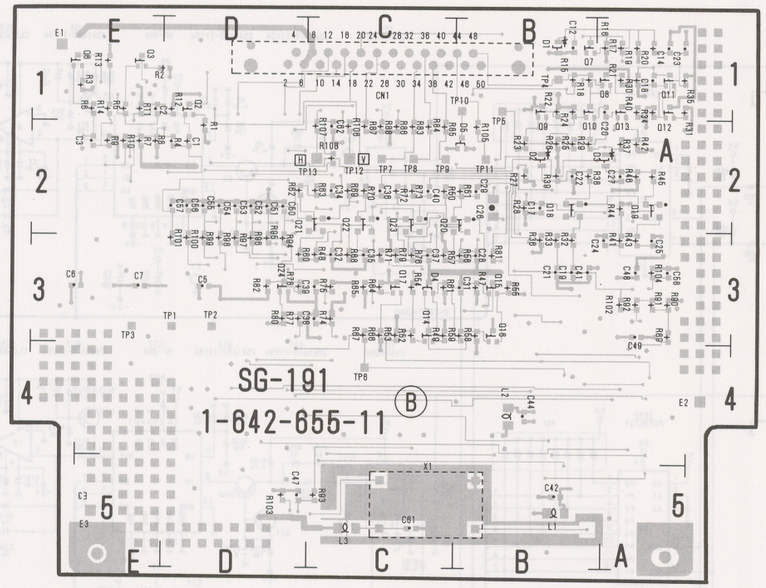
Serial No. 10001 – 10100



1-642-655-11 COMPONENT SIDE

SG-191 1-642-655-11, 12

CN1	C-1
E1	E-1
E2	A-4
E3	E-5
IC1	D-2
IC2	E-2
IC3	C-2
IC4	C-3
IC5	B-3
IC6	A-4
IC7	C-4
IC8	C-4
IC9	D-4
IC10	D-4
IC11	A-3
IC12	D-4
Q1	D-1
Q4	E-1
Q5	E-1
TP1	D-3
TP2	D-3
TP3	E-3
TP4	B-1
TP5	B-2
TP6	C-4
TP7	C-2
TP8	C-2
TP9	C-2
TP10	B-2
TP11	B-2
TP12	C-2
TP13	C-2
X1	C-5

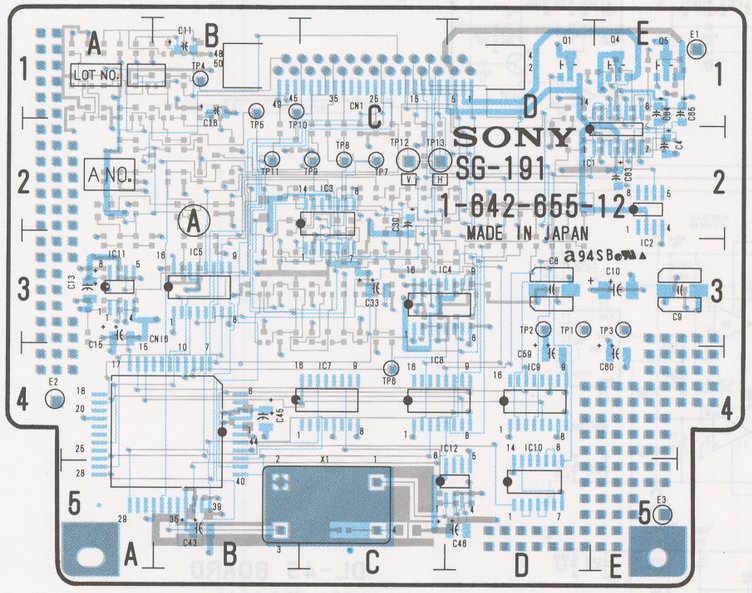


1-642-655-11 SOLDERING SIDE

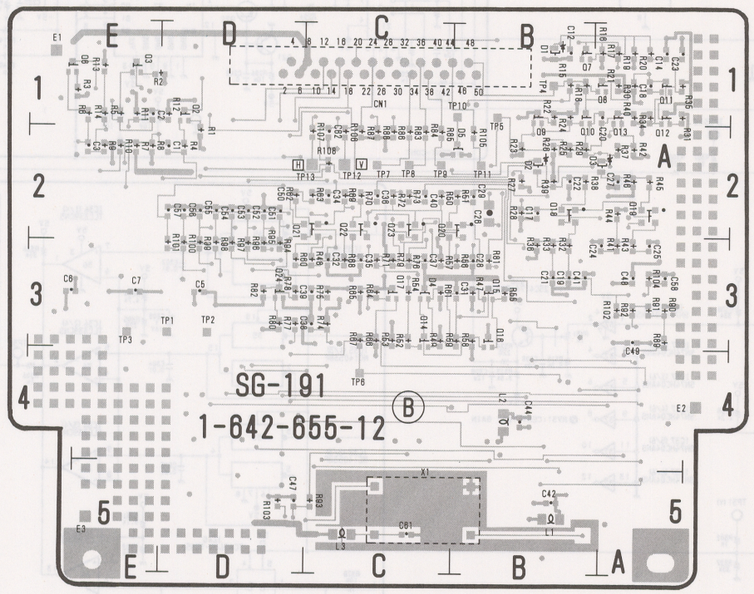
SG-191 1-642-655-11, 12

D1	B-1
D2	B-2
D3	A-2
D4	C-3
D5	B-2
Q2	D-1
Q3	E-1
Q6	E-1
Q7	B-1
Q8	A-1
Q9	B-2
Q10	B-2
Q11	A-1
Q12	A-2
Q13	A-2
Q14	C-3
Q15	B-3
Q16	B-3
Q17	C-3
Q18	B-2
Q19	A-2
Q20	C-2
Q21	D-2
Q22	C-2
Q23	C-2
Q24	D-3

Serial No. 10101 –

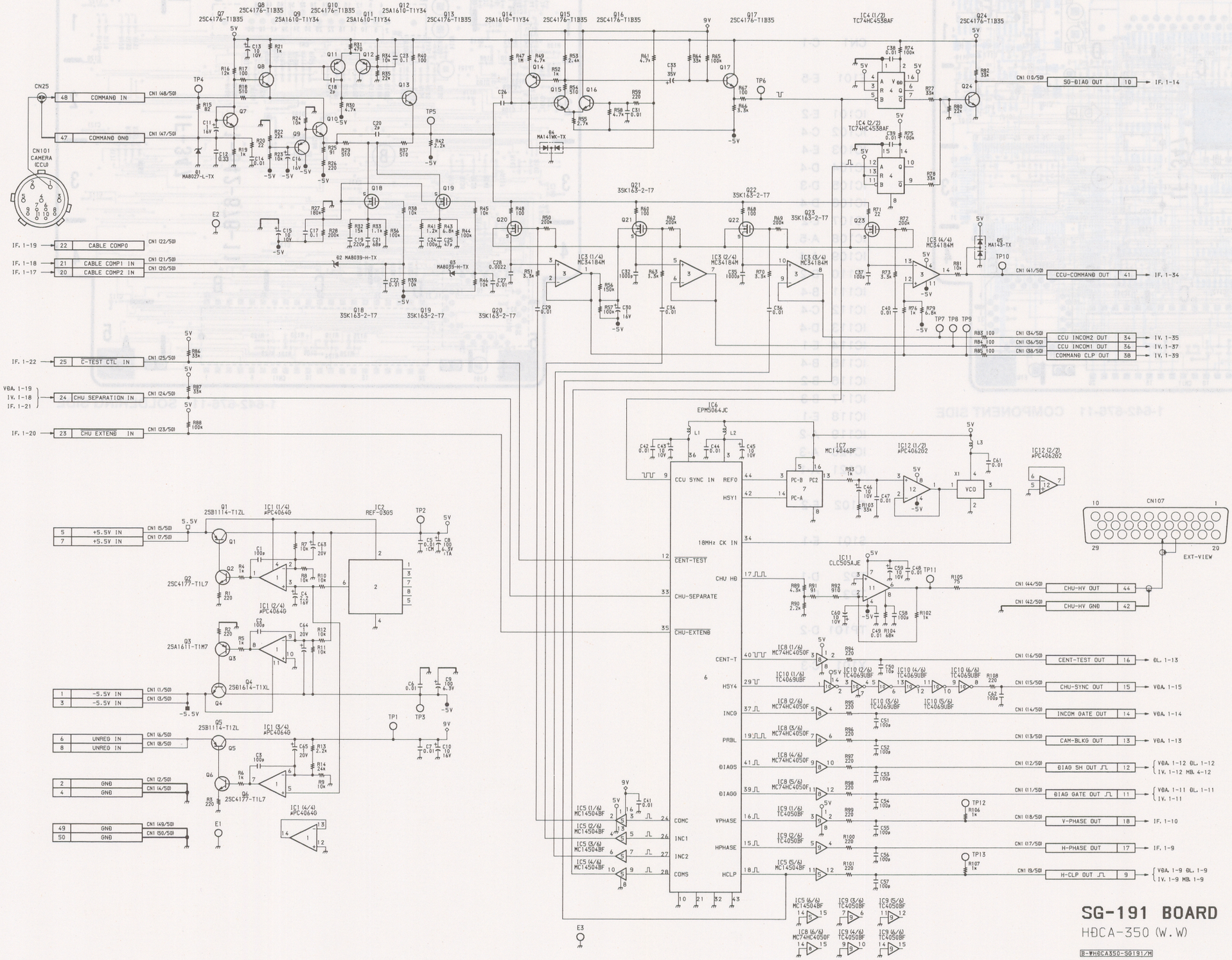


1-642-655-12 COMPONENT SIDE



1-642-655-12 SOLDERING SIDE

SG-191 BOARD

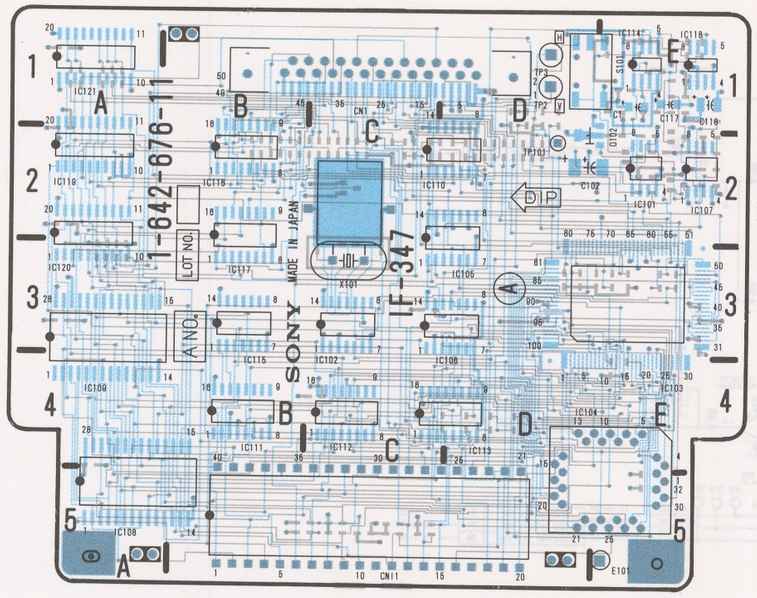


SG-191 BOARD

HDCA-350 (W.W)

B-WHDCA350-SG191/M

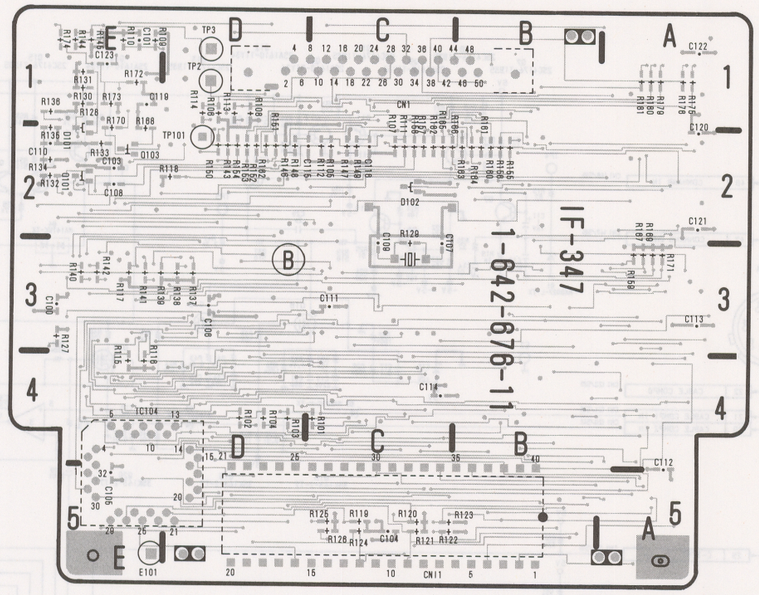
IF-347 BOARD



1-642-676-11 COMPONENT SIDE

IF-347 1-642-676-11

CN1	C-1
E101	E-5
IC101	E-2
IC102	C-4
IC103	E-4
IC104	D-4
IC105	D-3
IC106	D-4
IC107	E-2
IC108	A-5
IC109	A-4
IC110	D-2
IC111	B-4
IC112	C-4
IC113	D-4
IC114	E-1
IC115	B-4
IC116	B-2
IC117	B-3
IC118	E-1
IC119	A-2
IC120	A-3
IC121	A-1
Q102	E-2
S101	E-1
TP2	D-1
TP3	D-1
TP101	D-2
X101	C-3

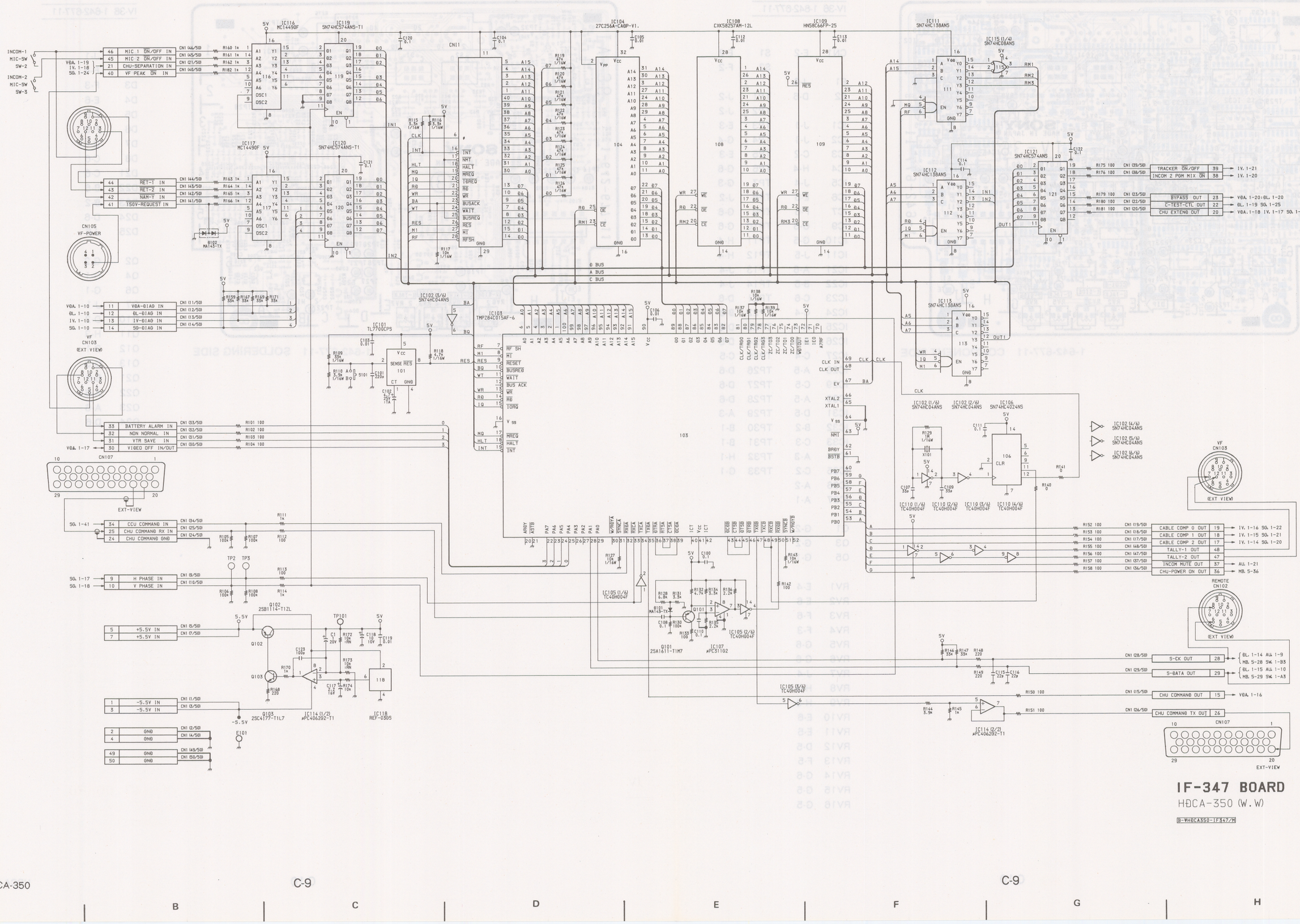


1-642-676-11 SOLDERING SIDE

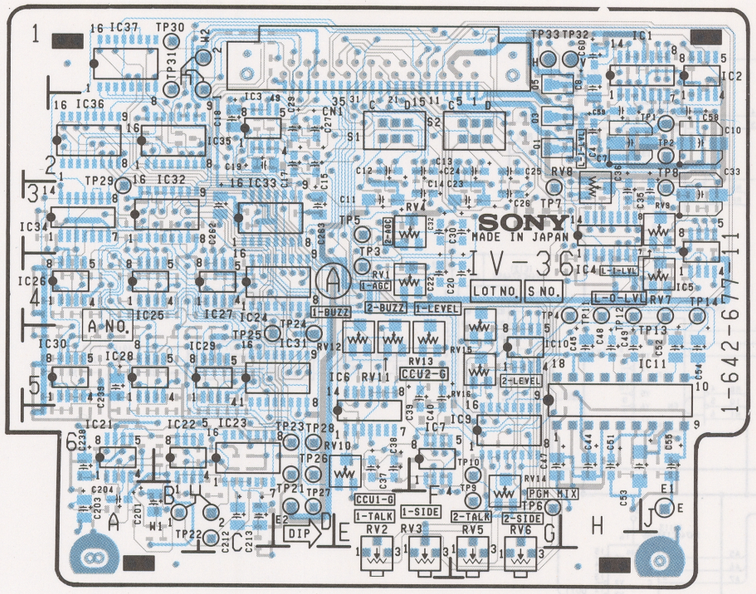
IF-347 1-642-676-11

D101	E-2
D102	C-2
Q101	E-2
Q103	E-2

IF-347 BOARD


IF-347 BOARD
HDCA-350 (W.W)
B-WHDCA350-IF347/M
INCOM-1 MIC-SW SW-2
INCOM-2 MIC-SW SW-3
MIC 1 ON/OFF IN
MIC 2 ON/OFF IN
CHU-SEPARATION IN
VF PEAK ON IN
RET-T IN
RET-Z IN
NAM-Y IN
15OV-REQUEST IN
VBA-DIAG IN
BL-DIAG IN
IV-DIAG IN
SG-DIAG IN
BATTERY ALARM IN
NON NORMAL IN
VTR SAVE IN
VIDEO OFF IN/OUT
CCU COMMAND IN
CHU COMMAND RX IN
CHU COMMAND GND
H PHASE IN
V PHASE IN
+5.5V IN
-5.5V IN
GND
TRACKER ON/OFF
INCOM 2 PGM MIX ON
BYPASS OUT
C-TEST-CTL OUT
CHU EXTEND OUT
CABLE COMP 0 OUT
CABLE COMP 1 OUT
CABLE COMP 2 OUT
TALLY-1 OUT
TALLY-2 OUT
INCOM MUTE OUT
CHU-POWER ON OUT
S-CK OUT
S-DATA OUT
CHU COMMAND OUT
CHU COMMAND TX OUT
A BUS
B BUS
C BUS
CLK IN
CLK OUT
IC116 MC14490F
IC119 SN74HC574ANS-T1
IC117 MC14490F
IC120 SN74HC574ANS-T1
IC104 27C256A-CADP-V1.
IC108 CXK582S7AM-12L
IC109 HN58C66AFP-25
IC111 SN74HC138ANS
IC115 (1/4) SN74HC08ANS
IC112 SN74HC138ANS
IC121 SN74HC574ANS
IC113 SN74HC138ANS
IC102 (3/6) SN74HC04ANS
IC103 TMP284C015AF-6
IC101 TL7700CPS
IC102 (1/6) SN74HC04ANS
IC102 (2/6) SN74HC04ANS
IC106 SN74HC4024NS
IC102 (4/6) SN74HC04ANS
IC102 (5/6) SN74HC04ANS
IC102 (6/6) SN74HC04ANS
IC110 (1/6) TC40H004F
IC110 (2/6) TC40H004F
IC110 (3/6) TC40H004F
IC110 (4/6) TC40H004F
IC105 (1/6) TC40H004F
IC105 (2/6) TC40H004F
IC105 (3/6) TC40H004F
IC107 μPC3116Z
IC114 (1/2) μPC4062Z2-T1
IC114 (2/2) μPC4062Z2-T1
IC118 REF-0305
Q101 2SA1611-T1M7
Q102 2SB1114-T1ZL
Q103 2SC4177-T1L7
CN1 CN2 CN3 CN4 CN5 CN6 CN7 CN8 CN9 CN10 CN101 CN102 CN103 CN104 CN105 CN106 CN107
VF CN103 (EXT VIEW)
REMOTE CN102 (EXT VIEW)
CN107 EXT-VIEW
CN105 VF-POWER
TP101 TP2 TP3
E101
S101
D102 MA143-TX
D103 MA143-TX
VBA 1-19 IV 1-18 SG 1-24
VBA 1-10 BL 1-10 IV 1-10 SG 1-10
VBA 1-17
SG 1-41
SG 1-17 SG 1-18
VBA 1-16
VBA 1-20 BL 1-20
BL 1-19 SG 1-25
VBA 1-18 IV 1-17 SG 1-23
IV 1-21
IV 1-20
AU 1-21
MB 5-36
BL 1-14 AU 1-9
MB 5-28 SW 1-B3
BL 1-15 AU 1-10
MB 5-29 SW 1-A3
IV 1-16 SG 1-22
IV 1-15 SG 1-21
IV 1-14 SG 1-20

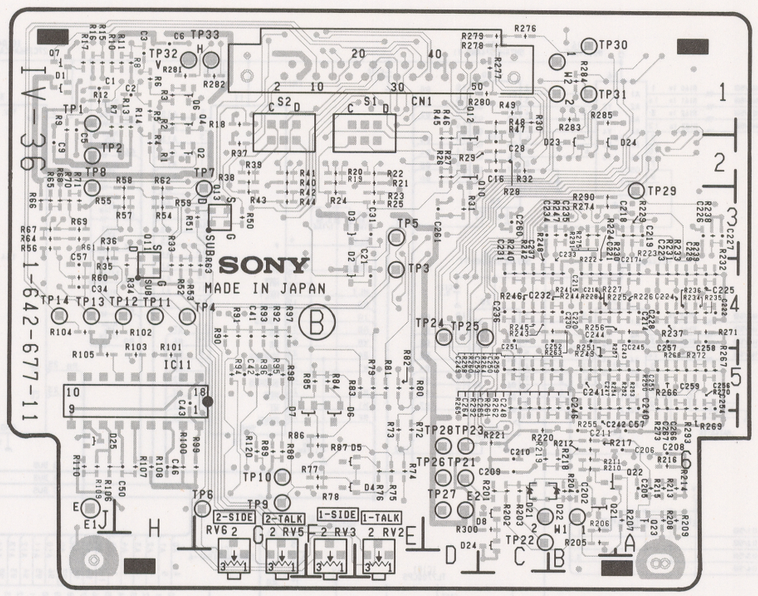
IV-36 BOARD



1-642-677-11 COMPONENT SIDE

IV-36 1-642-677-11

CN1	E-2	S1	E-2
		S2	F-2
E1	J-6		
E2	D-6	TP1	J-2
		TP2	J-2
IC1	J-1	TP3	E-3
IC2	J-1	TP4	G-4
IC3	C-2	TP5	E-3
IC4	H-4	TP6	G-6
IC5	J-4	TP7	G-3
IC6	E-5	TP8	J-2
IC7	F-6	TP9	G-6
IC9	G-6	TP10	G-6
IC10	G-5	TP11	H-4
IC11	J-5	TP12	H-4
IC21	A-6	TP13	J-4
IC22	B-5	TP14	J-4
IC23	C-6	TP21	D-6
IC24	C-4	TP22	B-6
IC25	A-4	TP23	D-6
IC26	A-4	TP24	D-5
IC27	C-4	TP25	C-5
IC28	A-5	TP26	D-6
IC29	C-5	TP27	D-6
IC30	A-5	TP28	D-6
IC31	D-5	TP29	A-3
IC32	B-2	TP30	B-1
IC33	C-3	TP31	B-1
IC34	A-3	TP32	H-1
IC35	C-2	TP33	G-1
IC36	A-2		
IC37	A-1		
Q1	G-2		
Q3	G-2		
Q5	G-1		
RV1	E-4		
RV2	E-6		
RV3	F-6		
RV4	F-3		
RV5	G-6		
RV6	G-6		
RV7	J-4		
RV8	H-3		
RV9	H-3		
RV10	E-6		
RV11	E-5		
RV12	D-5		
RV13	F-5		
RV14	G-6		
RV15	G-5		
RV16	G-5		

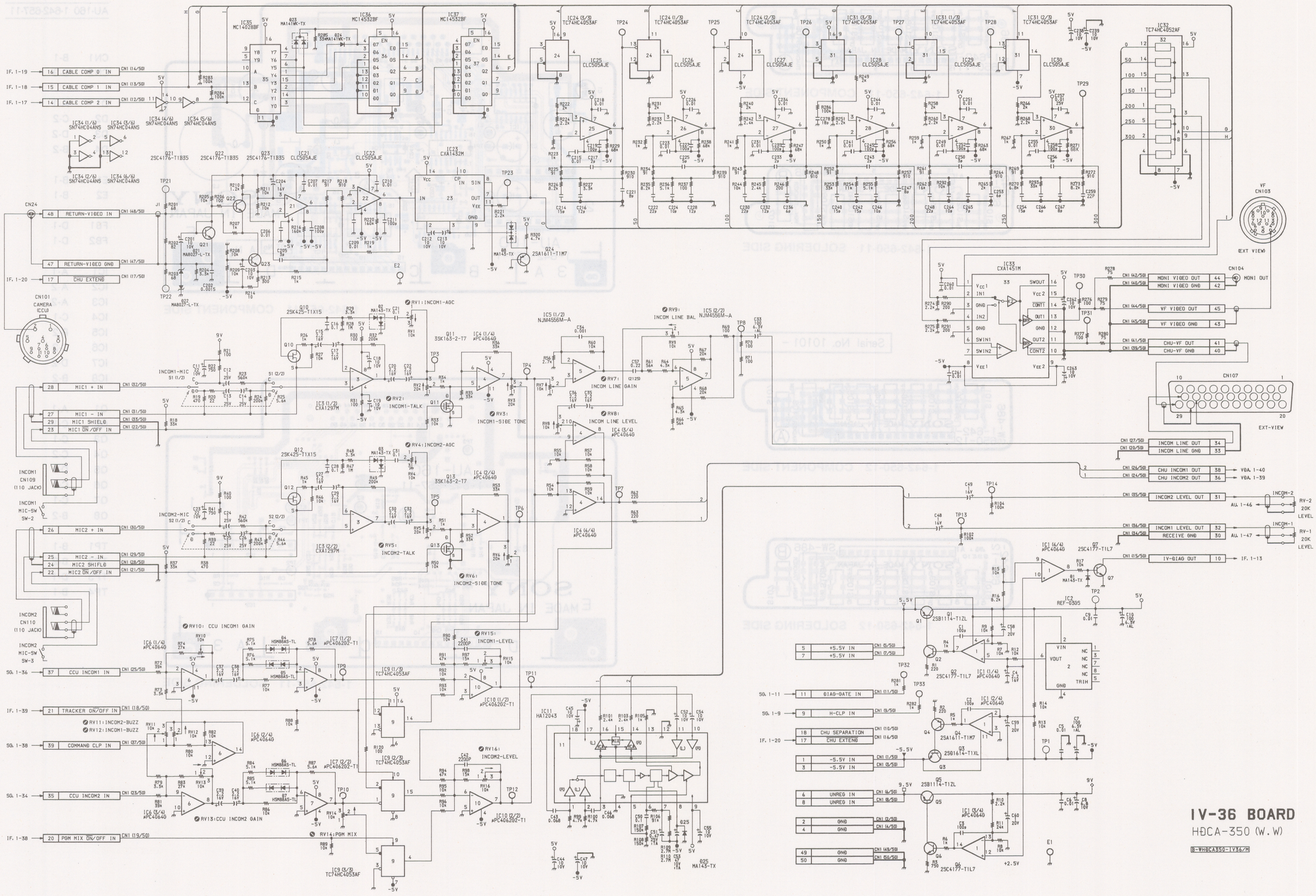


1-642-677-11 SOLDERING SIDE

IV-36 1-642-677-11

D1	J-1		
D2	F-4		
D3	F-3		
D4	E-6		
D5	F-6		
D6	F-6		
D7	G-6		
D8	C-6		
D21	C-6		
D22	B-6		
D23	B-2		
D24	D-6		
D25	J-6		
Q2	G-2		
Q4	G-1		
Q6	G-1		
Q7	J-1		
Q10	D-2		
Q11	H-3		
Q12	D-1		
Q13	G-3		
Q21	B-6		
Q22	A-6		
Q23	A-6		
Q24	D-6		

IV-36 BOARD



HDCA-350

C-11

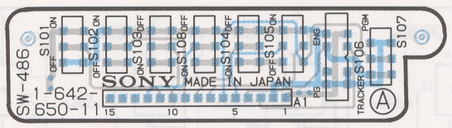
C-11

A B C D E F G H

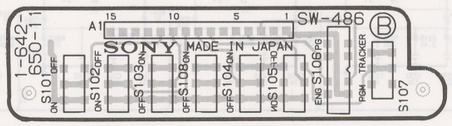
1 2 3 4 5

SW-486 BOARD

Serial No. 10001 – 10100

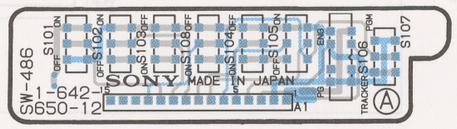


1-642-650-11 COMPONENT SIDE

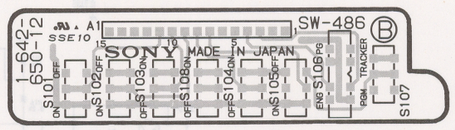


1-642-650-11 SOLDERING SIDE

Serial No. 10101 –

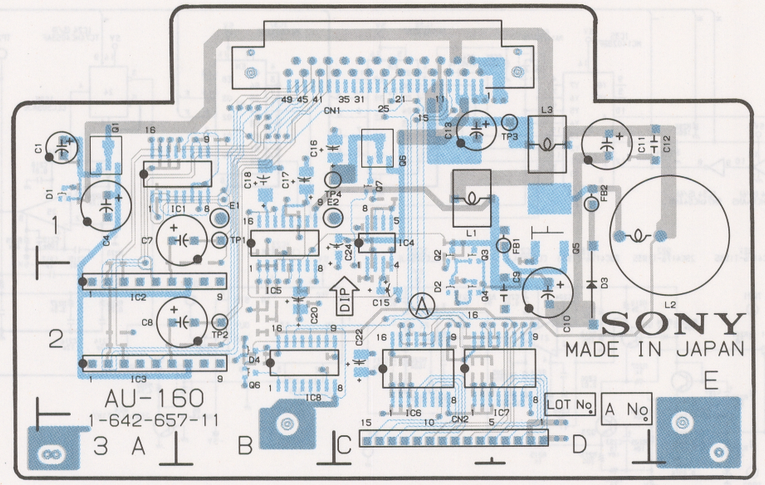


1-642-650-12 COMPONENT SIDE

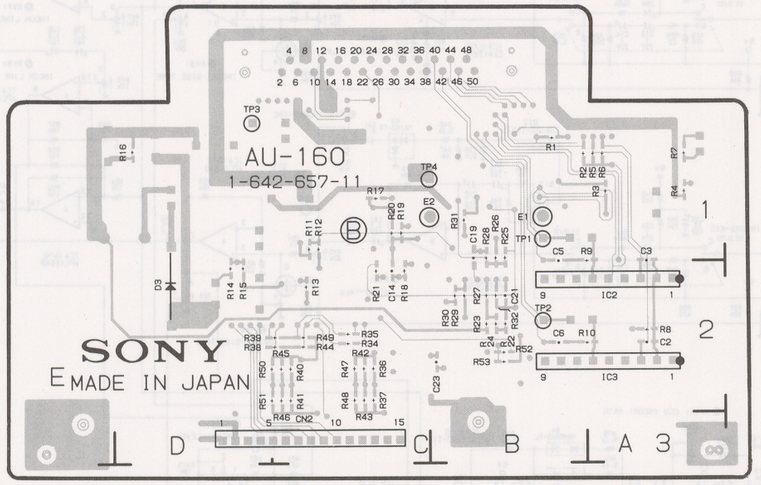


1-642-650-12 SOLDERING SIDE

AU-160 BOARD



1-642-657-11 COMPONENT SIDE



1-642-657-11 SOLDERING SIDE

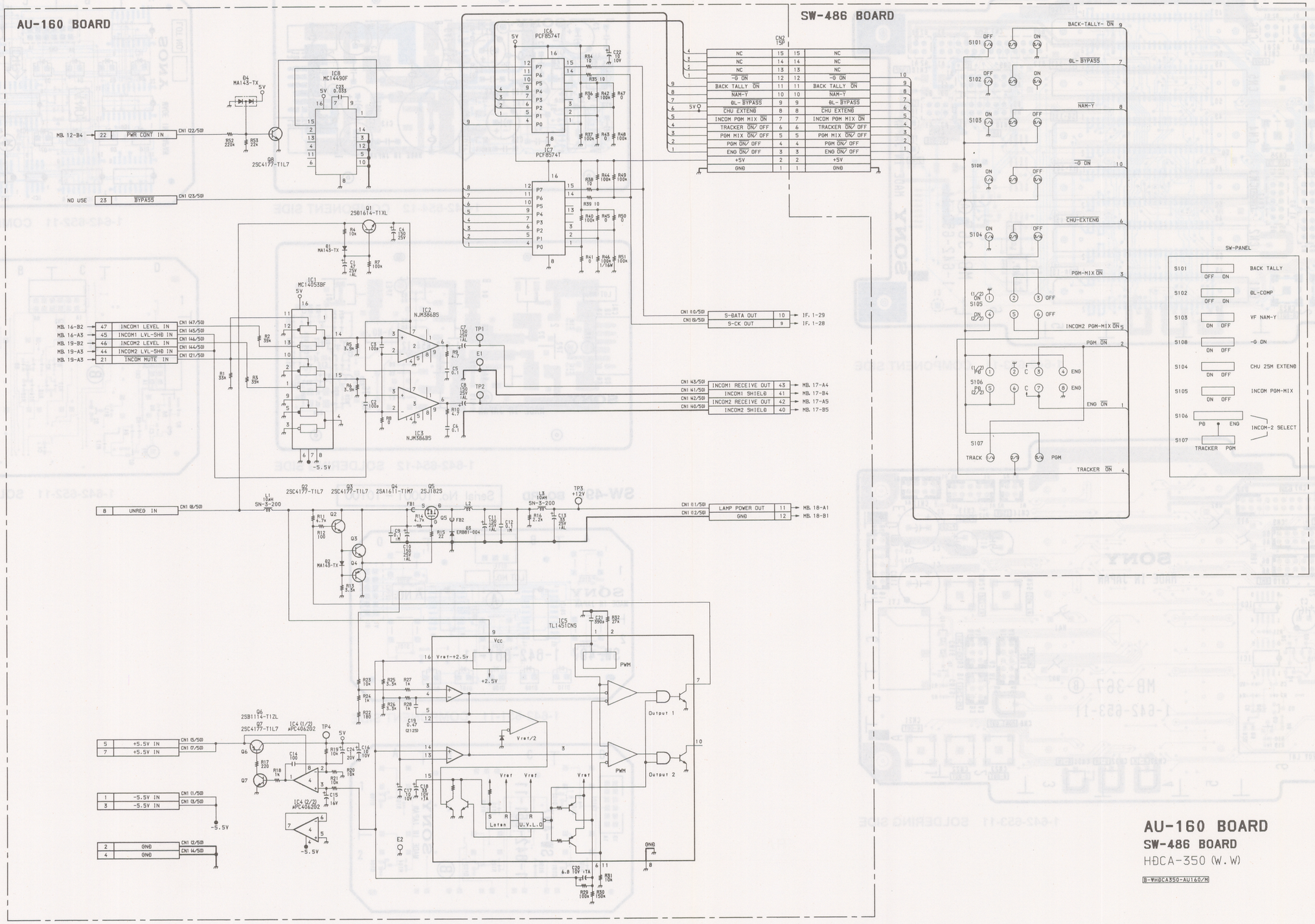
AU-160 1-642-657-11

CN1	B-1
CN2	C-3
D1	A-1
D2	C-2
D3	D-2
D4	B-2
E1	B-1
E2	B-1
FB1	D-1
FB2	D-1
IC1	A-1
IC2	A-2
IC3	A-2
IC4	C-1
IC5	B-2
IC6	C-2
IC7	D-2
IC8	B-2
Q1	A-1
Q2	C-1
Q3	C-1
Q4	C-2
Q5	D-1
Q6	C-1
Q7	C-1
Q8	B-2
TP1	B-1
TP2	B-2
TP3	D-1
TP4	B-1

AU-160 BOARD
SW-486 BOARD

AU-160 BOARD

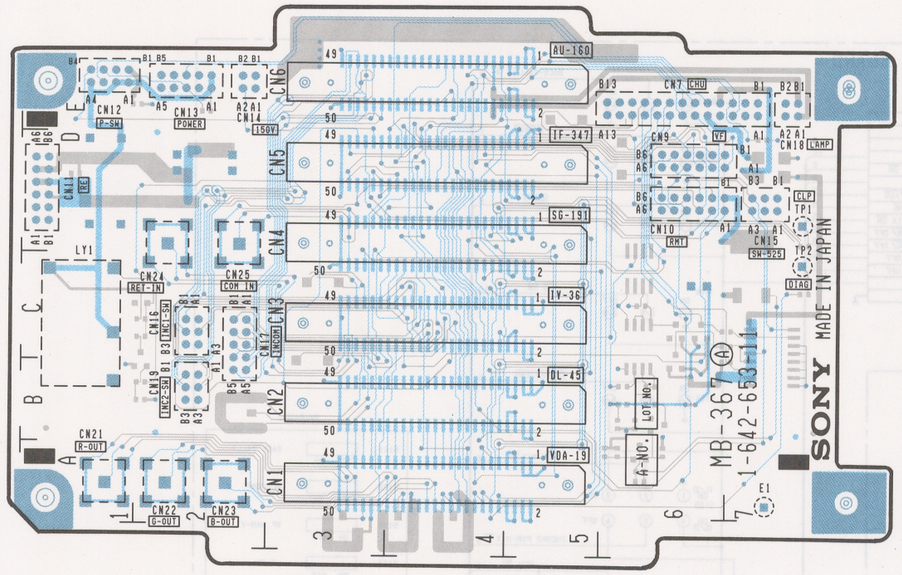
SW-486 BOARD



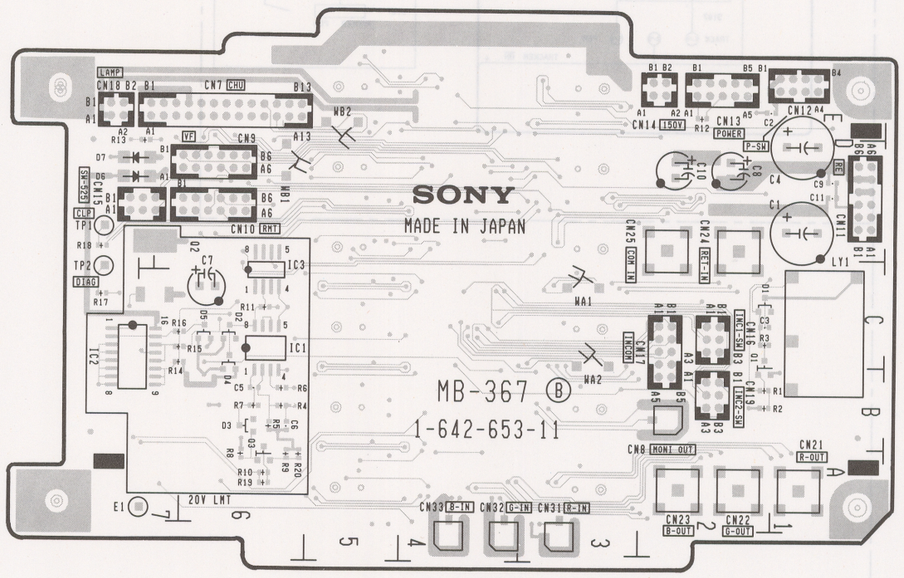
AU-160 BOARD
SW-486 BOARD
HDCA-350 (W.W)

B-WHDCA350-AU160/M

MB-367 BOARD

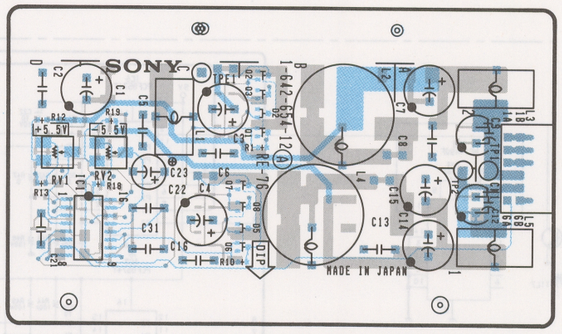


1-642-653-11 COMPONENT SIDE

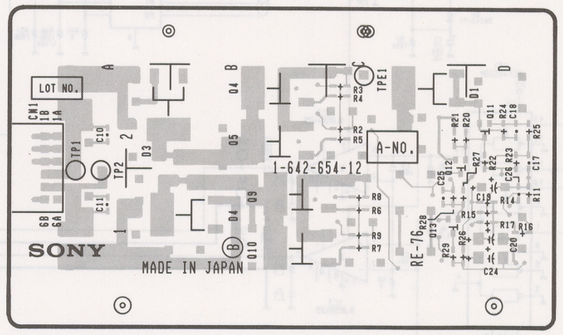


1-642-653-11 SOLDERING SIDE

RE-76 BOARD



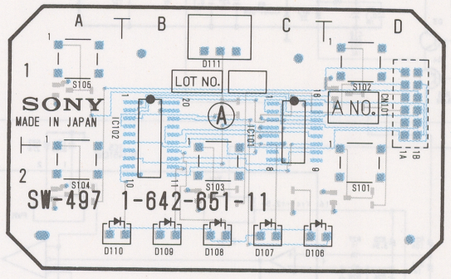
1-642-654-12 COMPONENT SIDE



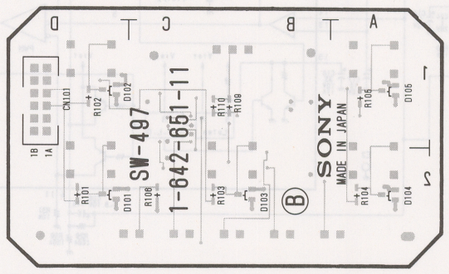
1-642-654-12 SOLDERING SIDE

SW-497 BOARD

Serial No. 10001 – 10100



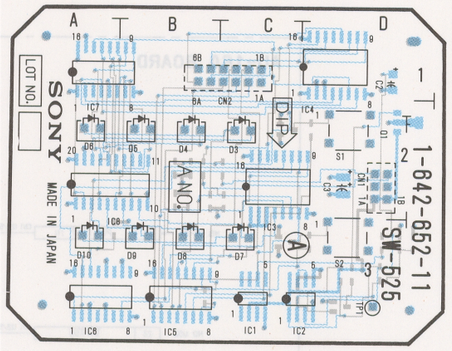
1-642-651-11 COMPONENT SIDE



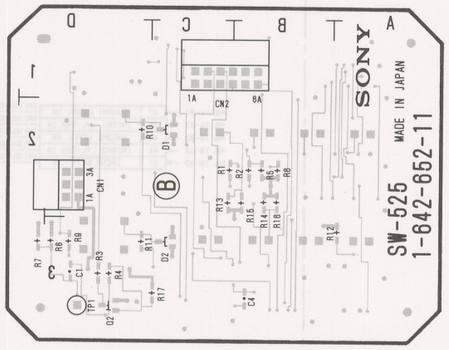
1-642-651-11 SOLDERING SIDE

SW-525 BOARD

Serial No. 10001 – 10100



1-642-652-11 COMPONENT SIDE



1-642-652-11 SOLDERING SIDE

SW-497 BOARD

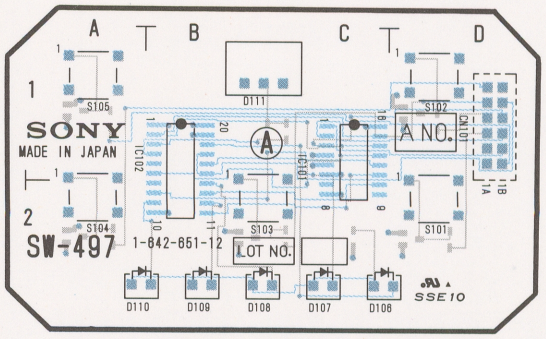
Serial No. 10101 –

SW-525 BOARD

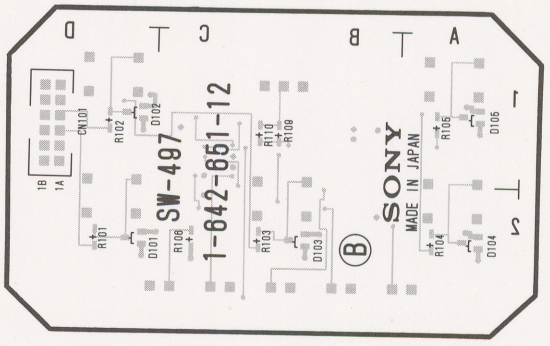
Serial No. 10101 –

SW-497 BOARD

Serial No. 10101 –



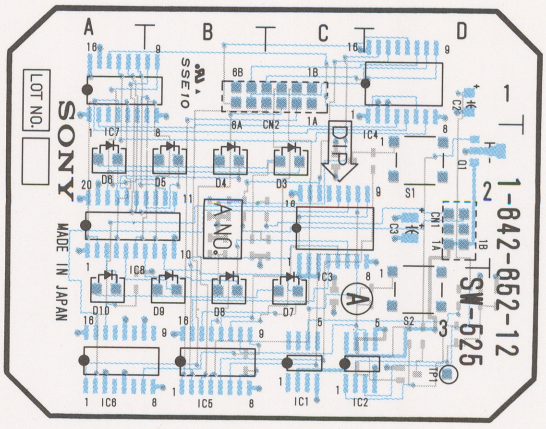
1-642-651-12 COMPONENT SIDE



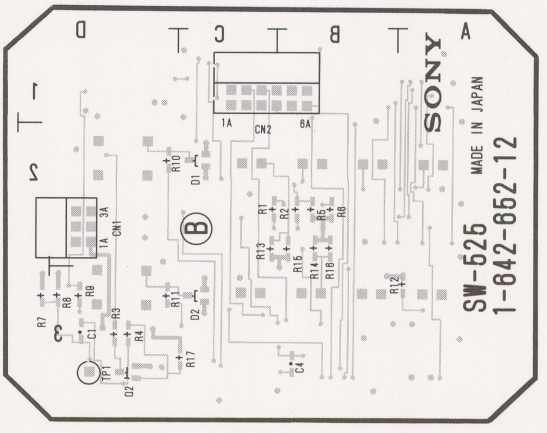
1-642-651-12 SOLDERING SIDE

SW-525 BOARD

Serial No. 10101 –



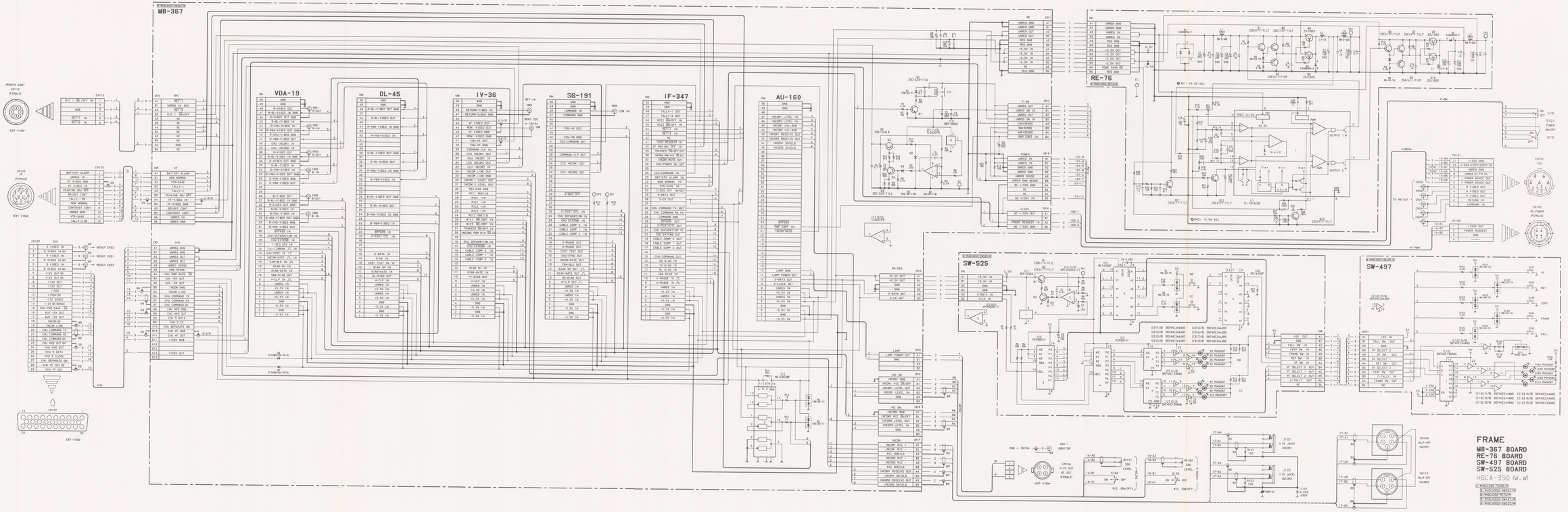
1-642-652-12 COMPONENT SIDE



1-642-652-12 SOLDERING SIDE

MB-367, RE-76
SW-497, SW-525 FRAME FRAME MB-367, RE-76
SW-497, SW-525

FRAME
MB-367 BOARD
RE-76 BOARD
SW-497 BOARD
SW-525 BOARD





SECTION D
SPARE PARTS

PARTS INFORMATION

1. **Safety Related Component Warning**

   Components identified by shading marked with ⚠ on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose parts numbers appear as shown in this manual or in service manual supplements published by Sony.

2. Replace parts that are supplied from Sony Parts Center can sometimes have different shape and external appearance than what are actually used in equipment. This is due to"accommodating the improved parts and/or engineering changes" or"standardization of genuine parts."
   - This manual's exploded view and electrical spare parts lists are indicating the parts numbers of "the standardized genuine parts at present."
   - Regarding engineering parts and diagrams changes in our engineering department, refer to Sony service bulletins and service manual supplements.

3. The parts marked with"S" in the SP column of the exploded views and electrical spare parts list are normally required for routine service work. Orders for parts marked with "O" will be processed, but allow for additional delivery time.

4. Item with no parts number and/or no description are not stocked because they are seldom required for routine service.

5. All capacitors are in micro farads unless otherwise specified.
   All inductors are in micro henries unless otherwise specified.
   All resistors are in ohms.

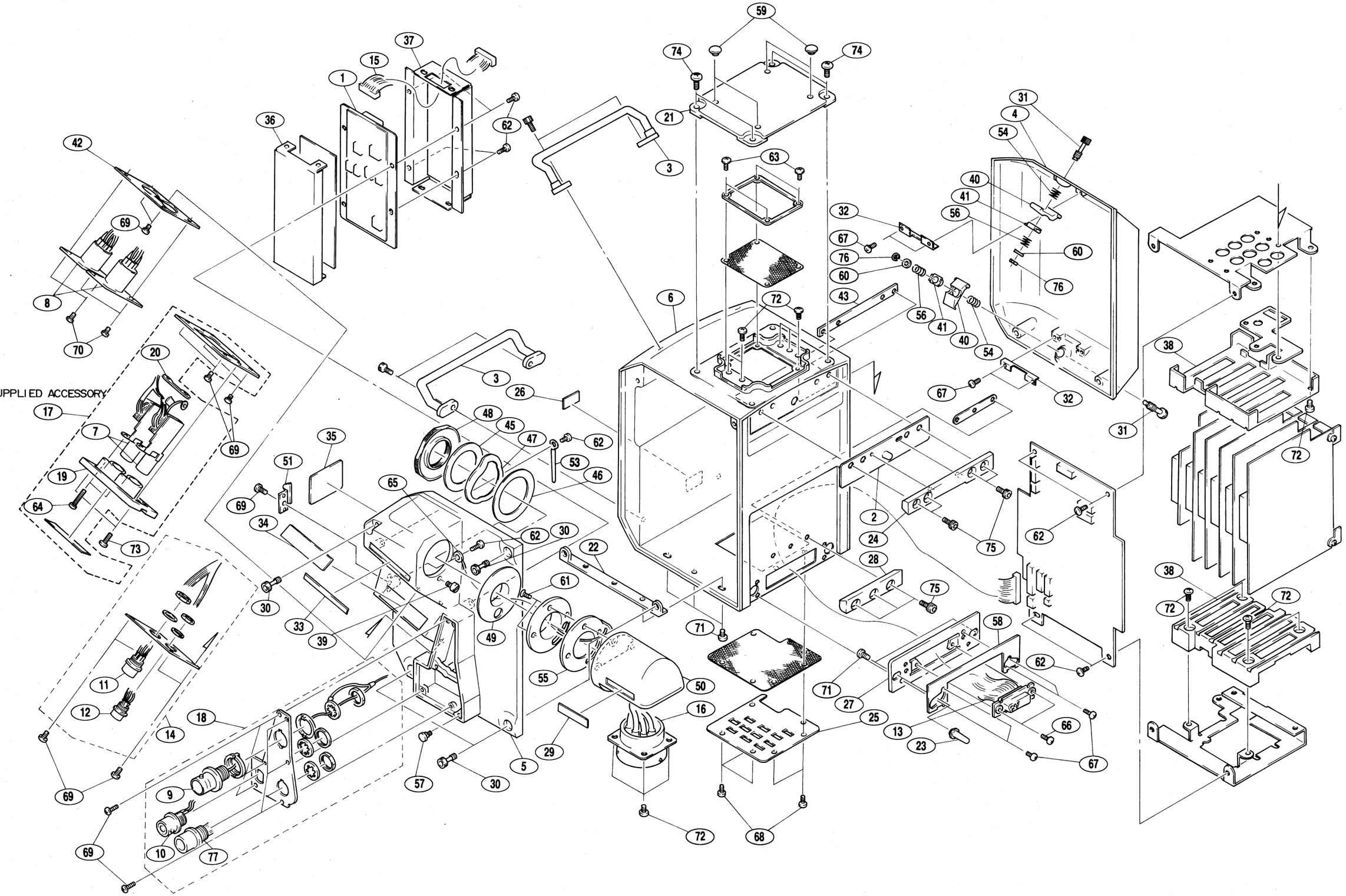
6. Regarding engineering parts changes in our engineering department, refer to SECTION E "CHANGED PARTS".

EXPLODED VIEW

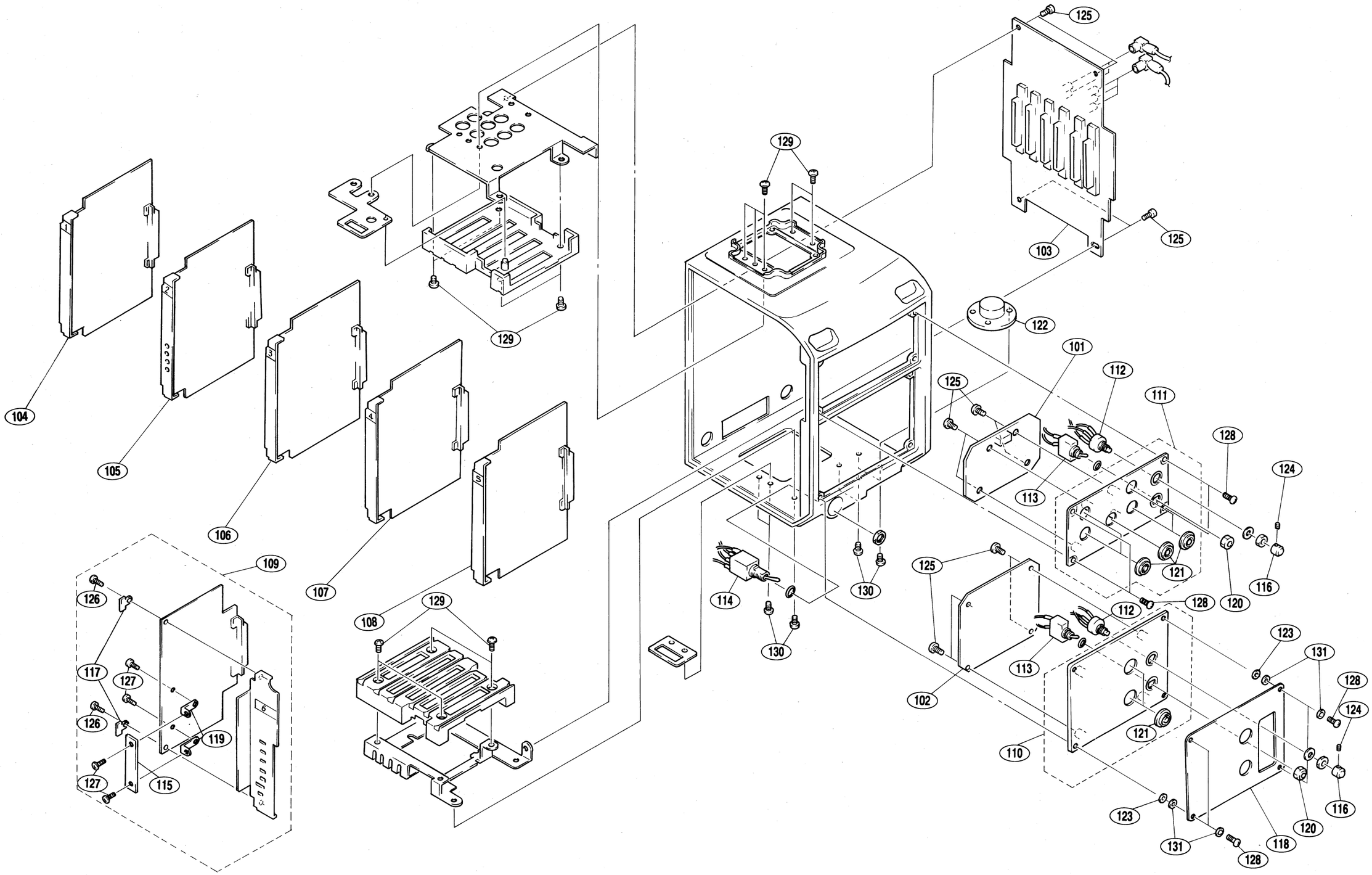
CHASSIS BLOCK

No.	Part No.	SP	Description
1	A-8271-267-A	o	MOUNTED CIRCUIT BOARD, RE-76
2	X-3166-637-1	o	PLATE (CA) ASSY, WEDGE
3	X-3166-638-1	o	ARM ASSY, GUARD
4	X-3166-669-1	o	PLATE SUB ASSY, SIDE, CA RIGHT
5	X-3166-755-1	o	PLATE SUB ASSY, SIDE, CA LEFT
6	X-3166-756-1	o	CHASSIS SUB ASSY
7	1-507-676-00	s	JACK "INCOM1" "INCOM2" (supplied accessory)
8	1-509-186-31	s	CONNECTOR, 5P FEMALE "INCOM1""INCOM2"
9	1-561-781-21	s	CONNECTOR, BNC
10	1-561-376-21	s	CONNECTOR, 4P FEMALE "DC OUT"
11	1-562-221-51	s	CONNECTOR, 12P,FEMALE "VF"
12	1-565-072-11	s	CONNECTOR, 4P FEMALE "VF POWER"
13	1-949-917-11	o	HARNESS (CHU)
14	1-949-918-11	o	HARNESS (VF)
15	1-949-919-11	o	HARNESS (RE)
16	1-949-921-11	o	HARNESS (CAMERA)
17	1-949-925-11	o	HARNESS (INC110-2) (supplied accessory)
18	1-949-927-13	o	HARNESS (L.SIDE PLATE(B))
19	2-128-255-01	o	INSULATOR, PHONE (supplied accessory)
20	2-128-256-01	o	BRACKET, PHONE (supplied accessory)
21	3-175-581-01	o	PLATE, MOUNT
22	3-175-583-01	o	STOPPER (L), LEFT SIDE PLATE
23	3-175-587-01	o	PIN, LOCK
24	3-175-588-03	o	WEDGE (CA)
25	3-175-589-01	o	PLATE, MESH, FILTER
26	3-175-590-01	o	LABEL, SW
27	3-175-591-02	o	PLATE (CA), CN
28	3-175-594-01	o	WEDGE (CA)(SMALL)
29	3-175-599-01	o	LABEL (1) (B)
30	3-175-600-01	s	BOLT(M4X9),HEXAGON SOCKET HEAD
31	3-175-601-01	s	SCREW,COIN,CROSS-RECESSED HEAD
32	3-175-602-01	o	RETAINER
33	3-175-604-01	o	LABEL (2) (B)
34	3-175-605-01	o	LABEL (3) (B)
35	3-175-606-01	o	LABEL, FILTER
36	3-175-689-01	o	CASE (MAIN), SHIELD, RE
37	3-175-690-01	o	CASE (LID), SHIELD, RE
38	3-175-703-01	o	RAIL (B), PC BOARD
39	3-175-761-02	o	PIN, STOPPER
40	3-175-762-01	o	LEVER, LOCK
41	3-175-763-01	o	HORSE (M4)
42	3-176-517-01	o	PANEL (2) (B), CONNECTOR
43	3-176-518-01	o	NUT (U), PLATE
44	3-176-522-01	o	SHAFT, ROTARY
45	3-176-523-01	o	WASHER (1), POLYAMIDE
46	3-176-524-01	o	WASHER (2), POLYAMIDE
47	3-176-525-01	o	WASHER, SPRING
48	3-176-526-01	o	NUT, RETAINER
49	3-176-527-01	o	BEARING, METAL
50	3-176-529-01	o	BOX (B), CONNECTOR
51	3-678-684-00	o	HOLDER, CABLE
53	3-701-822-00	o	HOLDER, WIRE
54	4-882-670-00	s	SPRING, COMPRESSION
55	1-950-624-12	o	HARNESS (GND)
56	2-357-606-01	s	SPRING COMPRESSION
57	3-178-601-01	s	POLE, PROTECTION
58	3-178-603-02	s	SPONGE, DROP PROTECTION
59	3-673-018-11	s	SCREW, BLIND
60	3-701-439-01	s	WASHER
61	7-621-561-19	s	SCREW +K2.6X6
62	7-621-770-87	s	SCREW +B2.6X5
63	7-621-775-08	s	SCREW +B2.6X3
64	7-621-775-68	s	SCREW +B2.6X12 (supplied accessory)
65	7-623-507-01	s	LUG, 2.6
66	7-627-554-27	s	SCREW, PRECISION +P2X6 TYPE 1
67	7-627-556-37	s	SCREW, PRECISION +P2.6X4 TYPE 1
68	7-627-556-38	s	SCREW +P2.6X4
69	7-627-556-58	s	SCREW +P2.6X5
70	7-627-556-97	s	SCREW PRECISION +P2.6X8 TYPE 1
71	7-682-545-04	s	SCREW +B3X4
72	7-682-547-04	s	SCREW +B3X6
73	7-682-548-09	s	SCREW +B3X8
74	7-682-560-09	s	SCREW +B4X6
75	7-683-403-04	s	BOLT, HEXAGON SOCKET 3X6
76	7-624-133-04	s	STOP RING 3, TYPE-CE
77	1-562-222-41	o	CONNECTOR, FEMALE 6P "REMOTE"

CHASSIS BLOCK



BOARDS AND REAR PANEL BLOCK



BOARDS AND REAR PANEL BLOCK

No.	Part No.	SP	Description
101	A-8271-268-A	o	MOUNTED CIRCUIT BOARD, SW-497
102	A-8271-269-A	o	MOUNTED CIRCUIT BOARD, SW-525
103	A-8271-270-A	o	MOUNTED CIRCUIT BOARD, MB-367
104	A-8271-271-A	o	MOUNTED CIRCUIT BOARD, VDA-19
105	A-8271-272-A	o	MOUNTED CIRCUIT BOARD, DL-45
106	A-8271-273-A	o	MOUNTED CIRCUIT BOARD, IV-36
107	A-8271-274-A	o	MOUNTED CIRCUIT BOARD, SG-191
108	A-8271-275-A	o	MOUNTED CIRCUIT BOARD, IF-347
109	A-8271-276-A	o	MOUNTED CIRCUIT BOARD, AU-160
110	X-3166-668-1	o	PANEL ASSY (L), REAR
111	X-3166-670-1	o	PANEL ASSY (U), REAR
112	1-237-981-11	s	RES, VAR, CARBON 20K
113	1-571-070-11	s	SWITCH, TOGGLE
114	1-571-367-11	s	SWITCH, TOGGLE "POWER"
115	1-642-650-11	o	PRINTED CIRCUIT BOARD, SW-486
116	3-166-509-01	s	KNOB
117	3-175-429-01	s	KNOB, PULL OUT
118	3-175-582-01	s	GUARD (B), PANEL SWITCH
119	3-176-519-01	o	BRACKET, L
120	3-672-267-00	s	NUT, CONTROL
121	3-676-244-00	s	COVER, SWITCH
122	3-693-654-02	o	SCREW (3/8), TRIPOD
123	3-701-437-21	s	WASHER
124	7-621-731-08	s	SETSCREW, HEX. 2X2.5 FLAT POINT
125	7-621-770-87	s	SCREW +B2.6X5
126	7-621-771-06	s	SCREW +B2X5
127	7-621-772-18	s	SCREW +B2X4
128	7-627-556-98	s	SCREW, PRECISION +P2.6X8 TYPE 1
129	7-682-547-04	s	SCREW +B3X6
130	7-682-547-09	s	SCREW +B3X6
131	7-688-002-02	s	WASHER 2.6, SMALL

AU-160 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8271-276-A	o	MOUNTED CIRCUIT BOARD, AU-160
1pc	1-642-650-12	o	PRINTED CIRCUIT BOARD, SW-486
2pcs	3-175-429-01	s	KNOB, PULL OUT
2pcs	7-627-553-68	s	SCREW, PRECISION +P 2X6
2pcs	7-621-771-06	s	SCREW +B 2X5
2pcs	3-176-519-01	o	BRACKET, L
4pcs	7-621-772-10	s	SCREW +B 2X4
C1	1-124-477-11	s	ELECT 47uF 20% 25V
C2	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C3	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C4	1-124-489-11	s	ELECT 150uF 20% 25V
C5	1-164-360-11	s	CERAMIC 0.1uF 16V
C6	1-164-360-11	s	CERAMIC 0.1uF 16V
C7	1-124-489-11	s	ELECT 150uF 20% 25V
C8	1-124-489-11	s	ELECT 150uF 20% 25V
C9	1-136-165-00	s	FILM 0.1uF 5% 50V
C10	1-124-489-11	s	ELECT 150uF 20% 25V
C11	1-124-489-11	s	ELECT 150uF 20% 25V
C12	1-136-165-00	s	FILM 0.1uF 5% 50V
C13	1-124-242-00	s	ELECT 33uF 20% 25V
C14	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C15	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C16	1-135-216-11	s	TANTAL 10uF 20% 10V
C17	1-135-216-11	s	TANTAL 10uF 20% 10V
C18	1-135-125-21	s	TANTALUM, CHIP 33uF 20% 10V
C19	1-164-005-11	s	CERAMIC, CHIP 0.47uF 25V
C20	1-135-156-21	s	TANTAL 6.8uF 10% 6.3V
C21	1-164-392-11	s	CERAMIC 390PF 5% 50V
C22	1-135-216-11	s	TANTAL 10uF 20% 10V
C23	1-164-373-11	s	CERAMIC 0.033uF 25V
C24	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
CN1	1-691-847-11	o	CONNECTOR (SQUARE TYPE) 50P
CN2	1-566-102-11	o	PIN, BOARD TO BOARD 15P
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-800-76	s	DIODE 1SS226
D3	8-719-982-04	s	DIODE ERB81-004
D4	8-719-800-76	s	DIODE 1SS226
FB1	1-543-528-11	s	BEAD, AMORPHOUS
FB2	1-543-528-11	s	BEAD, AMORPHOUS
IC1	8-759-300-71	s	IC MC14053BF
IC2	8-759-702-01	s	IC NJM386BS
IC3	8-759-702-01	s	IC NJM386BS
IC4	8-759-142-20	s	IC UPC4062G2
IC5	8-759-937-35	s	IC TL1451ACN
IC6	8-759-990-61	s	IC PCF8574T
IC7	8-759-990-61	s	IC PCF8574T
IC8	8-759-030-50	s	IC MC14490F
L1	1-410-284-11	s	10uH (WITH CORE)
L2	1-424-314-21	s	COIL, CHOKE 150UH
L3	1-410-284-11	s	10uH (WITH CORE)
Q1	8-729-807-16	s	TRANSISTOR 2SD1621
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-117-32	s	TRANSISTOR 2SC4177
Q4	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q5	8-729-322-45	s	TRANSISTOR 2SJ182S
Q6	8-729-805-25	s	TRANSISTOR 2SB1121

(AU-160 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q7	8-729-117-32	s	TRANSISTOR 2SC4177
Q8	8-729-117-32	s	TRANSISTOR 2SC4177
R1	1-218-883-11	s	METAL 33K 0.50% 1/16W
R2	1-249-436-11	s	CARBON 39K 5% 1/4W
R3	1-249-436-11	s	CARBON 39K 5% 1/4W
R4	1-218-716-11	s	METAL 10K 0.50% 1/16W
R5	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R6	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R7	1-218-740-11	s	METAL 100K 0.50% 1/16W
R8	1-216-864-11	s	METAL, CHIP 0-OHM
R9	1-216-793-11	s	METAL 4.7 5% 1/16W
R10	1-216-793-11	s	METAL 4.7 5% 1/16W
R11	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R12	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R13	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R14	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R15	1-216-801-11	s	METAL 22 0.50% 1/16W
R16	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R17	1-218-676-11	s	METAL 220 0.50% 1/16W
R18	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R19	1-218-716-11	s	METAL 10K 0.50% 1/16W
R20	1-218-716-11	s	METAL 10K 0.50% 1/16W
R21	1-218-716-11	s	METAL 10K 0.50% 1/16W
R22	1-216-812-11	s	METAL, CHIP 180 5% 1/16W
R23	1-218-716-11	s	METAL 10K 0.50% 1/16W
R24	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R25	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R26	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R27	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R28	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R29	1-218-740-11	s	METAL 100K 0.50% 1/16W
R30	1-218-744-11	s	METAL 150K 0.50% 1/16W
R31	1-218-716-11	s	METAL 10K 0.50% 1/16W
R32	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R34	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R35	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R36	1-216-864-11	s	METAL, CHIP 0-OHM
R37	1-218-740-11	s	METAL 100K 0.50% 1/16W
R38	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R39	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R40	1-218-740-11	s	METAL 100K 0.50% 1/16W
R41	1-216-864-11	s	METAL, CHIP 0-OHM
R42	1-218-740-11	s	METAL 100K 0.50% 1/16W
R43	1-216-864-11	s	METAL, CHIP 0-OHM
R44	1-218-740-11	s	METAL 100K 0.50% 1/16W
R45	1-216-864-11	s	METAL, CHIP 0-OHM
R46	1-218-740-11	s	METAL 100K 0.50% 1/16W
R47	1-216-864-11	s	METAL, CHIP 0-OHM
R48	1-218-740-11	s	METAL 100K 0.50% 1/16W
R49	1-218-740-11	s	METAL 100K 0.50% 1/16W
R50	1-216-864-11	s	METAL, CHIP 0-OHM
R51	1-218-740-11	s	METAL 100K 0.50% 1/16W
R52	1-218-748-11	s	METAL 220K 0.50% 1/16W
R53	1-218-724-11	s	METAL 22K 0.50% 1/16W
S101	1-553-977-00	s	SWITCH, SLIDE
S102	1-553-977-00	s	SWITCH, SLIDE
S103	1-553-977-00	s	SWITCH, SLIDE
S104	1-553-977-00	s	SWITCH, SLIDE

(AU-160 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S105	1-570-134-11	s	SWITCH, SLIDE
S106	1-554-945-21	s	SWITCH, SLIDE
S107	1-553-977-00	s	SWITCH, SLIDE
S108	1-553-977-00	s	SWITCH, SLIDE

DL-45 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8271-272-A	o	MOUNTED CIRCUIT BOARD, DL-45
2pcs	7-627-553-68	s	SCREW, PRECISION +P 2X6
2pcs	7-621-771-06	s	SCREW +B 2X5
C1	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C2	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C3	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C4	1-135-216-11	s	TANTAL 10uF 20% 10V
C5	1-135-216-11	s	TANTAL 10uF 20% 10V
C6	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C7	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C8	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C9	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C10	1-135-216-11	s	TANTAL 10uF 20% 10V
C11	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C12	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C13	1-135-216-11	s	TANTAL 10uF 20% 10V
C14	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C15	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C16	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C17	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C18	1-135-216-11	s	TANTAL 10uF 20% 10V
C19	1-135-216-11	s	TANTAL 10uF 20% 10V
C20	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C21	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C22	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C23	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C24	1-135-216-11	s	TANTAL 10uF 20% 10V
C25	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C26	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C27	1-135-216-11	s	TANTAL 10uF 20% 10V
C28	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C29	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C30	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C31	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C32	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C33	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C34	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C40	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C41	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C42	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C43	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C101	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C102	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C103	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C104	1-135-216-11	s	TANTAL 10uF 20% 10V
C105	1-135-216-11	s	TANTAL 10uF 20% 10V
C106	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C107	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C108	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C109	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C110	1-135-216-11	s	TANTAL 10uF 20% 10V
C111	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C112	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C113	1-135-216-11	s	TANTAL 10uF 20% 10V
C114	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C115	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C116	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C117	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V

(DL-45 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C118	1-135-216-11	s	TANTAL 10uF 20% 10V
C119	1-135-216-11	s	TANTAL 10uF 20% 10V
C120	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C121	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C122	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C123	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C124	1-135-216-11	s	TANTAL 10uF 20% 10V
C125	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C126	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C127	1-135-216-11	s	TANTAL 10uF 20% 10V
C128	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C129	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C130	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C131	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C132	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C133	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C134	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C140	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C141	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C142	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C143	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C201	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C202	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C203	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C204	1-135-216-11	s	TANTAL 10uF 20% 10V
C205	1-135-216-11	s	TANTAL 10uF 20% 10V
C206	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C207	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C208	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C209	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C210	1-135-216-11	s	TANTAL 10uF 20% 10V
C211	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C212	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C213	1-135-216-11	s	TANTAL 10uF 20% 10V
C214	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C215	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C216	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C217	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C218	1-135-216-11	s	TANTAL 10uF 20% 10V
C219	1-135-216-11	s	TANTAL 10uF 20% 10V
C220	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C221	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C222	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C223	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C224	1-135-216-11	s	TANTAL 10uF 20% 10V
C225	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C226	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C227	1-135-216-11	s	TANTAL 10uF 20% 10V
C228	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C229	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C230	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C231	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C232	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C233	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C234	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C240	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C241	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C242	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C243	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C301	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C302	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C303	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C304	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C305	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C306	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C307	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C308	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C309	1-162-916-11	s	CERAMIC, CHIP 12PF 5% 50V
C310	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C311	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C312	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C313	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C314	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C315	1-135-215-21	s	TANTAL 6.8uF 20% 16V
C321	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C322	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C323	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C324	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C325	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C326	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
CN1	1-691-847-11	o	CONNECTOR (SQUARE TYPE) 50P
IC1	8-752-052-77	s	IC CXA1450M
IC2	8-759-054-61	s	IC CLC505AJE
IC3	8-759-054-61	s	IC CLC505AJE
IC4	8-759-142-20	s	IC UPC4062G2
IC5	8-759-054-61	s	IC CLC505AJE
IC6	8-759-054-61	s	IC CLC505AJE
IC7	1-809-681-11	s	IC BP-006
IC8	1-809-682-11	s	IC BP-007
IC11	8-752-052-77	s	IC CXA1450M
IC12	8-759-054-61	s	IC CLC505AJE
IC13	8-759-054-61	s	IC CLC505AJE
IC14	8-759-142-20	s	IC UPC4062G2
IC15	8-759-054-61	s	IC CLC505AJE
IC16	8-759-054-61	s	IC CLC505AJE
IC17	1-809-681-11	s	IC BP-006
IC18	1-809-682-11	s	IC BP-007
IC21	8-752-052-77	s	IC CXA1450M
IC22	8-759-054-61	s	IC CLC505AJE
IC23	8-759-054-61	s	IC CLC505AJE
IC24	8-759-142-20	s	IC UPC4062G2
IC25	8-759-054-61	s	IC CLC505AJE
IC26	8-759-054-61	s	IC CLC505AJE
IC27	1-809-681-11	s	IC BP-006
IC28	1-809-682-11	s	IC BP-007
IC31	8-759-990-61	s	IC PCF8574T
IC32	8-759-990-61	s	IC PCF8574T
IC33	8-759-990-61	s	IC PCF8574T
IC35	8-759-300-71	s	IC MC14053BF
IC36	8-759-054-63	s	IC TLC339CNS
IC37	8-759-925-74	s	IC SN74HC04ANS
IC38	8-759-142-19	s	IC UPC4064G
IC39	8-759-066-68	s	IC REF-03GS
IC40	8-759-234-77	s	IC TC4S66F
Q1	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q2	8-729-143-07	s	TRANSISTOR 2SA1610-Y33

(DL-45 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q3	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q4	8-729-425-41	s	TRANSISTOR 2SK1374
Q5	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q6	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q7	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q8	8-729-425-41	s	TRANSISTOR 2SK1374
Q11	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q12	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q13	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q14	8-729-425-41	s	TRANSISTOR 2SK1374
Q15	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q16	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q17	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q18	8-729-425-41	s	TRANSISTOR 2SK1374
Q21	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q22	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q23	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q24	8-729-425-41	s	TRANSISTOR 2SK1374
Q25	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q26	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q27	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q28	8-729-425-41	s	TRANSISTOR 2SK1374
Q32	8-729-805-25	s	TRANSISTOR 2SB1121
Q33	8-729-807-16	s	TRANSISTOR 2SD1621
Q34	8-729-805-25	s	TRANSISTOR 2SB1121
Q35	8-729-117-32	s	TRANSISTOR 2SC4177
Q36	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q37	8-729-117-32	s	TRANSISTOR 2SC4177
Q38	8-729-143-14	s	TRANSISTOR 2SC4176-B35
R1	1-218-716-11	s	METAL 10K 0.50% 1/16W
R2	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R3	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R4	1-218-484-11	s	METAL 750 0.50% 1/16W
R5	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R6	1-218-716-11	s	METAL 10K 0.50% 1/16W
R7	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R8	1-218-716-11	s	METAL 10K 0.50% 1/16W
R9	1-218-672-11	s	METAL 150 0.50% 1/16W
R10	1-218-288-11	s	METAL, CHIP 300 5% 1/16W
R11	1-218-672-11	s	METAL 150 0.50% 1/16W
R12	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R13	1-218-716-11	s	METAL 10K 0.50% 1/16W
R14	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R15	1-218-740-11	s	METAL 100K 0.50% 1/16W
R16	1-218-482-11	s	METAL 430 0.50% 1/16W
R17	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R18	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R19	1-218-736-11	s	METAL 68K 0.50% 1/16W
R20	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R21	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R22	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R23	1-218-484-11	s	METAL 750 0.50% 1/16W
R24	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R25	1-218-716-11	s	METAL 10K 0.50% 1/16W
R26	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R27	1-218-716-11	s	METAL 10K 0.50% 1/16W
R28	1-218-672-11	s	METAL 150 0.50% 1/16W
R29	1-218-288-11	s	METAL, CHIP 300 5% 1/16W
R30	1-218-672-11	s	METAL 150 0.50% 1/16W

(DL-45 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R31	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R32	1-218-716-11	s	METAL 10K 0.50% 1/16W
R33	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R34	1-218-740-11	s	METAL 100K 0.50% 1/16W
R35	1-218-482-11	s	METAL 430 0.50% 1/16W
R36	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R37	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R38	1-218-736-11	s	METAL 68K 0.50% 1/16W
R39	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R40	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R41	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R42	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R43	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R50	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R51	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R101	1-218-716-11	s	METAL 10K 0.50% 1/16W
R102	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R103	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R104	1-218-484-11	s	METAL 750 0.50% 1/16W
R105	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R106	1-218-716-11	s	METAL 10K 0.50% 1/16W
R107	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R108	1-218-716-11	s	METAL 10K 0.50% 1/16W
R109	1-218-672-11	s	METAL 150 0.50% 1/16W
R110	1-218-288-11	s	METAL, CHIP 300 5% 1/16W
R111	1-218-672-11	s	METAL 150 0.50% 1/16W
R112	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R113	1-218-716-11	s	METAL 10K 0.50% 1/16W
R114	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R115	1-218-740-11	s	METAL 100K 0.50% 1/16W
R116	1-218-482-11	s	METAL 430 0.50% 1/16W
R117	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R118	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R119	1-218-736-11	s	METAL 68K 0.50% 1/16W
R120	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R121	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R122	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R123	1-218-484-11	s	METAL 750 0.50% 1/16W
R124	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R125	1-218-716-11	s	METAL 10K 0.50% 1/16W
R126	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R127	1-218-716-11	s	METAL 10K 0.50% 1/16W
R128	1-218-672-11	s	METAL 150 0.50% 1/16W
R129	1-218-288-11	s	METAL, CHIP 300 5% 1/16W
R130	1-218-672-11	s	METAL 150 0.50% 1/16W
R131	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R132	1-218-716-11	s	METAL 10K 0.50% 1/16W
R133	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R134	1-218-740-11	s	METAL 100K 0.50% 1/16W
R135	1-218-482-11	s	METAL 430 0.50% 1/16W
R136	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R137	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R138	1-218-736-11	s	METAL 68K 0.50% 1/16W
R139	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R140	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R141	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R142	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R143	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R150	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W

(DL-45 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R151	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R201	1-218-716-11	s	METAL 10K 0.50% 1/16W
R202	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R203	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R204	1-218-484-11	s	METAL 750 0.50% 1/16W
R205	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R206	1-218-716-11	s	METAL 10K 0.50% 1/16W
R207	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R208	1-218-716-11	s	METAL 10K 0.50% 1/16W
R209	1-218-672-11	s	METAL 150 0.50% 1/16W
R210	1-218-288-11	s	METAL, CHIP 300 5% 1/16W
R211	1-218-672-11	s	METAL 150 0.50% 1/16W
R212	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R213	1-218-716-11	s	METAL 10K 0.50% 1/16W
R214	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R215	1-218-740-11	s	METAL 100K 0.50% 1/16W
R216	1-218-482-11	s	METAL 430 0.50% 1/16W
R217	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R218	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R219	1-218-736-11	s	METAL 68K 0.50% 1/16W
R220	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R221	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R222	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R223	1-218-484-11	s	METAL 750 0.50% 1/16W
R224	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R225	1-218-716-11	s	METAL 10K 0.50% 1/16W
R226	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R227	1-218-716-11	s	METAL 10K 0.50% 1/16W
R228	1-218-672-11	s	METAL 150 0.50% 1/16W
R229	1-218-288-11	s	METAL, CHIP 300 5% 1/16W
R230	1-218-672-11	s	METAL 150 0.50% 1/16W
R231	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R232	1-218-716-11	s	METAL 10K 0.50% 1/16W
R233	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R234	1-218-740-11	s	METAL 100K 0.50% 1/16W
R235	1-218-482-11	s	METAL 430 0.50% 1/16W
R236	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R237	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R238	1-218-736-11	s	METAL 68K 0.50% 1/16W
R239	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R240	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R241	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R242	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R243	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R250	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R251	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R302	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R304	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R305	1-218-676-11	s	METAL 220 0.50% 1/16W
R306	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R307	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R308	1-218-883-11	s	METAL 33K 0.50% 1/16W
R309	1-218-676-11	s	METAL 220 0.50% 1/16W
R310	1-218-676-11	s	METAL 220 0.50% 1/16W
R311	1-218-676-11	s	METAL 220 0.50% 1/16W
R312	1-218-676-11	s	METAL 220 0.50% 1/16W
R313	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R314	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R315	1-218-704-11	s	METAL 3.3K 0.50% 1/16W

(DL-45 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R316	1-218-716-11	s	METAL 10K 0.50% 1/16W
R317	1-218-716-11	s	METAL 10K 0.50% 1/16W
R318	1-218-716-11	s	METAL 10K 0.50% 1/16W
R319	1-218-716-11	s	METAL 10K 0.50% 1/16W
R320	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R321	1-218-716-11	s	METAL 10K 0.50% 1/16W
R322	1-218-725-11	s	METAL 24K 0.50% 1/16W
R323	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R324	1-218-676-11	s	METAL 220 0.50% 1/16W
R325	1-218-716-11	s	METAL 10K 0.50% 1/16W
R326	1-218-883-11	s	METAL 33K 0.50% 1/16W
R327	1-218-883-11	s	METAL 33K 0.50% 1/16W
R328	1-218-716-11	s	METAL 10K 0.50% 1/16W
R329	1-218-716-11	s	METAL 10K 0.50% 1/16W
R330	1-218-716-11	s	METAL 10K 0.50% 1/16W
R331	1-218-345-11	s	METAL 9.1K 0.50% 1/16W
R332	1-218-701-11	s	METAL 2.4K 0.50% 1/16W
R333	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R334	1-218-883-11	s	METAL 33K 0.50% 1/16W
R335	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R336	1-218-883-11	s	METAL 33K 0.50% 1/16W
R337	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R338	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
RB1	1-235-052-00	s	RESISTOR BLOCK 33Kx8
RB2	1-235-052-00	s	RESISTOR BLOCK 33Kx8
RB3	1-235-052-00	s	RESISTOR BLOCK 33Kx8
RV1	1-237-032-11	s	RES, ADJ, METAL 500
RV2	1-237-032-11	s	RES, ADJ, METAL 500
RV11	1-237-032-11	s	RES, ADJ, METAL 500
RV12	1-237-032-11	s	RES, ADJ, METAL 500
RV21	1-237-032-11	s	RES, ADJ, METAL 500
RV22	1-237-032-11	s	RES, ADJ, METAL 500
RV31	1-237-033-11	s	RES, ADJ, METAL 1K

IF-347 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8271-275-A	o	MOUNTED CIRCUIT BOARD, IF-347
2pcs	7-627-553-68	s	SCREW, PRECISION +P 2X6
2pcs	7-621-771-06	s	SCREW +B 2X5
C1	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C100	1-164-360-11	s	CERAMIC 0.1uF 16V
C101	1-162-957-11	s	CERAMIC 220PF 5% 50V
C102	1-135-085-21	s	TANTALUM, CHIP 4.7uF 10% 25V
C103	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C104	1-164-360-11	s	CERAMIC 0.1uF 16V
C105	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C106	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C107	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C108	1-164-360-11	s	CERAMIC 0.1uF 16V
C109	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C110	1-164-360-11	s	CERAMIC 0.1uF 16V
C111	1-164-360-11	s	CERAMIC 0.1uF 16V
C112	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C113	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C114	1-164-360-11	s	CERAMIC 0.1uF 16V
C115	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C116	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C117	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C118	1-135-216-11	s	TANTAL 10uF 20% 10V
C119	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C120	1-164-360-11	s	CERAMIC 0.1uF 16V
C121	1-164-360-11	s	CERAMIC 0.1uF 16V
C122	1-164-360-11	s	CERAMIC 0.1uF 16V
C123	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
CN1	1-691-847-11	o	CONNECTOR (SQUARE TYPE) 50P
CNI1	1-526-662-21	s	SOCKET, IC 40P
CNI104	1-540-024-12	o	SOCKET, IC
D101	8-719-800-76	s	DIODE 1SS226
D102	8-719-800-76	s	DIODE 1SS226
IC101	8-759-918-65	s	IC TL7700CPS
IC102	8-759-925-74	s	IC SN74HC04ANS
IC103	8-759-246-66	s	IC TMPZ84C015BF-6
IC104	8-759-063-15	s	IC 27C256A-CADP-V1.0, EPROM
IC105	8-759-201-61	s	IC TC40H004F
IC106	8-759-926-97	s	IC SN74HC4024NS
IC107	8-759-101-12	s	IC UPC311G2
IC108	8-752-337-80	s	IC CXK58257AM-12L
IC110	8-759-201-61	s	IC TC40H004F
IC111	8-759-926-11	s	IC SN74HC138ANS
IC112	8-759-926-11	s	IC SN74HC138ANS
IC113	8-759-926-11	s	IC SN74HC138ANS
IC114	8-759-142-20	s	IC UPC4062G2
IC115	8-759-925-76	s	IC SN74HC08NS
IC116	8-759-030-50	s	IC MC14490F
IC117	8-759-030-50	s	IC MC14490F
IC118	8-759-066-68	s	IC REF-03GS
IC119	8-759-926-82	s	IC SN74HC574ANS
IC120	8-759-926-82	s	IC SN74HC574ANS
IC121	8-759-926-82	s	IC SN74HC574ANS
Q101	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q102	8-729-805-25	s	TRANSISTOR 2SB1121
Q103	8-729-117-32	s	TRANSISTOR 2SC4177

(IF-347 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R101	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R102	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R103	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R104	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R105	1-218-740-11	s	METAL 100K 0.50% 1/16W
R106	1-218-740-11	s	METAL 100K 0.50% 1/16W
R107	1-218-740-11	s	METAL 100K 0.50% 1/16W
R108	1-218-740-11	s	METAL 100K 0.50% 1/16W
R109	1-218-883-11	s	METAL 33K 0.50% 1/16W
R110	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R111	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R112	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R113	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R114	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R115	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R116	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R117	1-218-716-11	s	METAL 10K 0.50% 1/16W
R118	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R119	1-218-732-11	s	METAL 47K 0.50% 1/16W
R120	1-218-732-11	s	METAL 47K 0.50% 1/16W
R121	1-218-732-11	s	METAL 47K 0.50% 1/16W
R122	1-218-732-11	s	METAL 47K 0.50% 1/16W
R123	1-218-732-11	s	METAL 47K 0.50% 1/16W
R124	1-218-732-11	s	METAL 47K 0.50% 1/16W
R125	1-218-732-11	s	METAL 47K 0.50% 1/16W
R126	1-218-732-11	s	METAL 47K 0.50% 1/16W
R127	1-218-716-11	s	METAL 10K 0.50% 1/16W
R128	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R129	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R130	1-218-740-11	s	METAL 100K 0.50% 1/16W
R131	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R132	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R133	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R134	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R135	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R136	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R137	1-218-716-11	s	METAL 10K 0.50% 1/16W
R138	1-218-716-11	s	METAL 10K 0.50% 1/16W
R139	1-218-716-11	s	METAL 10K 0.50% 1/16W
R140	1-216-864-11	s	METAL, CHIP 0-OHM
R141	1-216-864-11	s	METAL, CHIP 0-OHM
R142	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R143	1-218-716-11	s	METAL 10K 0.50% 1/16W
R144	1-218-706-11	s	METAL 3.9K 0.50% 1/16W
R145	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R146	1-218-883-11	s	METAL 33K 0.50% 1/16W
R147	1-218-883-11	s	METAL 33K 0.50% 1/16W
R148	1-218-676-11	s	METAL 220 0.50% 1/16W
R149	1-218-676-11	s	METAL 220 0.50% 1/16W
R150	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R151	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R152	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R153	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R154	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R155	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R156	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R157	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R158	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R159	1-218-883-11	s	METAL 33K 0.50% 1/16W

(IF-347 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R160	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R161	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R162	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R163	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R164	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R165	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R166	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R167	1-218-883-11	s	METAL 33K 0.50% 1/16W
R168	1-218-676-11	s	METAL 220 0.50% 1/16W
R169	1-218-883-11	s	METAL 33K 0.50% 1/16W
R170	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R171	1-218-883-11	s	METAL 33K 0.50% 1/16W
R172	1-218-716-11	s	METAL 10K 0.50% 1/16W
R173	1-218-716-11	s	METAL 10K 0.50% 1/16W
R174	1-218-716-11	s	METAL 10K 0.50% 1/16W
R175	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R176	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R179	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R180	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R181	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R182	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
S101	1-554-371-51	s	SWITCH, TACTILE
X101	1-527-431-00	s	OSCILLATOR, CRYSTAL 9.8304MHz

IV-36 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8271-273-A	o	MOUNTED CIRCUIT BOARD, IV-36
2pcs	7-627-553-68	s	SCREW, PRECISION +P 2X6
2pcs	7-621-771-06	s	SCREW +B 2X5
C1	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C2	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C3	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C4	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C5	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C6	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C7	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C8	1-135-156-21	s	TANTAL 6.8uF 10% 6.3V
C9	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C10	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C11	1-135-161-21	s	TANTALUM, CHIP 22uF 10% 10V
C12	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C13	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C14	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C15	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C16	1-164-360-11	s	CERAMIC 0.1uF 16V
C17	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C18	1-135-216-11	s	TANTAL 10uF 20% 10V
C19	1-135-216-11	s	TANTAL 10uF 20% 10V
C20	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C21	1-164-360-11	s	CERAMIC 0.1uF 16V
C22	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C23	1-135-161-21	s	TANTALUM, CHIP 22uF 10% 10V
C24	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C25	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C26	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C27	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C28	1-164-360-11	s	CERAMIC 0.1uF 16V
C29	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C30	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C31	1-164-360-11	s	CERAMIC 0.1uF 16V
C32	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C33	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C34	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C35	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C36	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C37	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C38	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C39	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C40	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C41	1-162-966-11	s	CERAMIC, CHIP 0.0022uF 10% 50V
C42	1-162-966-11	s	CERAMIC, CHIP 0.0022uF 10% 50V
C43	1-164-490-11	s	CERAMIC 0.068uF 16V
C44	1-135-216-11	s	TANTAL 10uF 20% 10V
C45	1-135-216-11	s	TANTAL 10uF 20% 10V
C46	1-164-490-11	s	CERAMIC 0.068uF 16V
C47	1-135-216-11	s	TANTAL 10uF 20% 10V
C48	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C49	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C50	1-164-360-11	s	CERAMIC 0.1uF 16V
C51	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V
C52	1-135-216-11	s	TANTAL 10uF 20% 10V
C53	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V
C54	1-135-216-11	s	TANTAL 10uF 20% 10V
C55	1-135-216-11	s	TANTAL 10uF 20% 10V

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Ref. No. or Q'ty	Part No.	SP	Description
C57	1-164-222-11	s	CERAMIC 0.22uF 25V
C58	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C59	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C60	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C201	1-135-216-11	s	TANTAL 10uF 20% 10V
C202	1-162-965-11	s	CERAMIC 0.0015uF 10% 50V
C203	1-135-216-11	s	TANTAL 10uF 20% 10V
C204	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C205	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C206	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C207	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C208	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C209	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C210	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C211	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C212	1-135-216-11	s	TANTAL 10uF 20% 10V
C213	1-135-216-11	s	TANTAL 10uF 20% 10V
C214	1-162-917-11	s	CERAMIC, CHIP 15PF 5% 50V
C215	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C216	1-162-916-11	s	CERAMIC, CHIP 12PF 5% 50V
C217	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C218	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C219	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C221	1-162-913-11	s	CERAMIC 8PF 0.5PF 50V
C222	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C223	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C224	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C225	1-162-910-11	s	CERAMIC 5PF 0.25PF 50V
C226	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C227	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C228	1-162-916-11	s	CERAMIC, CHIP 12PF 5% 50V
C230	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C231	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C232	1-162-916-11	s	CERAMIC, CHIP 12PF 5% 50V
C233	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C234	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C235	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C236	1-162-911-11	s	CERAMIC, CHIP 6PF 50V
C238	1-135-216-11	s	TANTAL 10uF 20% 10V
C239	1-135-216-11	s	TANTAL 10uF 20% 10V
C240	1-162-917-11	s	CERAMIC, CHIP 15PF 5% 50V
C241	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C242	1-162-917-11	s	CERAMIC, CHIP 15PF 5% 50V
C243	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C244	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C245	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C246	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C247	1-162-913-11	s	CERAMIC 8PF 0.5PF 50V
C248	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C249	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C250	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C251	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C252	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C253	1-162-911-11	s	CERAMIC, CHIP 6PF 50V
C254	1-162-917-11	s	CERAMIC, CHIP 15PF 5% 50V
C255	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C256	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C257	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C258	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C259	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C260	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C261	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C262	1-135-216-11	s	TANTAL 10uF 20% 10V
C263	1-135-216-11	s	TANTAL 10uF 20% 10V
C264	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C265	1-162-912-11	s	CERAMIC 7PF 0.5PF 50V
C266	1-162-909-11	s	CERAMIC 4PF 0.25PF 50V
C267	1-162-913-11	s	CERAMIC 8PF 0.5PF 50V
C278	1-162-918-11	s	CERAMIC, CHIP 18PF 5% 50V
CN1	1-691-847-11	o	CONNECTOR (SQUARE TYPE) 50P
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-800-76	s	DIODE 1SS226
D3	8-719-800-76	s	DIODE 1SS226
D4	8-719-948-47	s	DIODE HSM88AS
D5	8-719-948-47	s	DIODE HSM88AS
D6	8-719-948-47	s	DIODE HSM88AS
D7	8-719-948-47	s	DIODE HSM88AS
D8	8-719-800-76	s	DIODE 1SS226
D21	8-719-421-15	s	DIODE MA8027-L
D22	8-719-421-15	s	DIODE MA8027-L
D23	8-719-404-35	s	DIODE MA141WK
D24	8-719-404-35	s	DIODE MA141WK
D25	8-719-800-76	s	DIODE 1SS226
IC1	8-759-142-19	s	IC UPC4064G
IC2	8-759-066-68	s	IC REF-03GS
IC3	8-759-605-63	s	IC CXA1297M
IC4	8-759-142-19	s	IC UPC4064G
IC5	8-759-700-45	s	IC NJM4556M-A
IC6	8-759-142-19	s	IC UPC4064G
IC7	8-759-142-20	s	IC UPC4062G2
IC9	8-759-230-99	s	IC TC74HC4053AF
IC10	8-759-142-20	s	IC UPC4062G2
IC11	8-759-302-81	s	IC HA12043
IC21	8-759-054-61	s	IC CLC505AJE
IC22	8-759-054-61	s	IC CLC505AJE
IC23	8-752-052-82	s	IC CXA1432M
IC24	8-759-230-99	s	IC TC74HC4053AF
IC25	8-759-054-61	s	IC CLC505AJE
IC26	8-759-054-61	s	IC CLC505AJE
IC27	8-759-054-61	s	IC CLC505AJE
IC28	8-759-054-61	s	IC CLC505AJE
IC29	8-759-054-61	s	IC CLC505AJE
IC30	8-759-054-61	s	IC CLC505AJE
IC31	8-759-230-99	s	IC TC74HC4053AF
IC32	8-759-230-98	s	IC TC74HC4052AF
IC33	8-752-052-73	s	IC CXA1451M
IC34	8-759-925-74	s	IC SN74HC04ANS
IC35	8-759-008-95	s	IC MC14028BF
IC36	8-759-009-49	s	IC MC14532BF
IC37	8-759-009-49	s	IC MC14532BF
Q1	8-729-805-25	s	TRANSISTOR 2SB1121
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-807-16	s	TRANSISTOR 2SD1621
Q4	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q5	8-729-805-25	s	TRANSISTOR 2SB1121
Q6	8-729-117-32	s	TRANSISTOR 2SC4177

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Ref. No. or Q'ty	Part No.	SP	Description
Q7	8-729-117-32	s	TRANSISTOR 2SC4177
Q10	8-729-110-94	s	TRANSISTOR 2SK425-X15
Q11	8-765-930-08	s	TRANSISTOR 3SK163-2
Q12	8-729-110-94	s	TRANSISTOR 2SK425-X15
Q13	8-765-930-08	s	TRANSISTOR 3SK163-2
Q21	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q22	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q23	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q24	8-729-117-16	s	TRANSISTOR 2SA1611-M6
R1	1-218-676-11	s	METAL 220 0.50% 1/16W
R2	1-218-676-11	s	METAL 220 0.50% 1/16W
R3	1-218-484-11	s	METAL 750 0.50% 1/16W
R4	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R5	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R6	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R7	1-218-716-11	s	METAL 10K 0.50% 1/16W
R8	1-218-716-11	s	METAL 10K 0.50% 1/16W
R9	1-218-716-11	s	METAL 10K 0.50% 1/16W
R10	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R11	1-218-725-11	s	METAL 24K 0.50% 1/16W
R12	1-218-716-11	s	METAL 10K 0.50% 1/16W
R13	1-218-716-11	s	METAL 10K 0.50% 1/16W
R14	1-218-716-11	s	METAL 10K 0.50% 1/16W
R15	1-218-716-11	s	METAL 10K 0.50% 1/16W
R16	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R17	1-218-716-11	s	METAL 10K 0.50% 1/16W
R18	1-218-883-11	s	METAL 33K 0.50% 1/16W
R19	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R20	1-216-801-11	s	METAL 22 0.50% 1/16W
R21	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R22	1-218-484-11	s	METAL 750 0.50% 1/16W
R23	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W
R24	1-218-747-11	s	METAL 200K 0.50% 1/16W
R25	1-218-295-11	s	METAL 5.6K 0.50% 1/16W
R26	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R27	1-218-716-11	s	METAL 10K 0.50% 1/16W
R28	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R29	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R30	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R31	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R32	1-218-747-11	s	METAL 200K 0.50% 1/16W
R33	1-218-716-11	s	METAL 10K 0.50% 1/16W
R34	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R35	1-218-883-11	s	METAL 33K 0.50% 1/16W
R36	1-218-883-11	s	METAL 33K 0.50% 1/16W
R37	1-218-883-11	s	METAL 33K 0.50% 1/16W
R38	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R39	1-216-801-11	s	METAL 22 0.50% 1/16W
R40	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R41	1-218-484-11	s	METAL 750 0.50% 1/16W
R42	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W
R43	1-218-747-11	s	METAL 200K 0.50% 1/16W
R44	1-218-295-11	s	METAL 5.6K 0.50% 1/16W
R45	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R46	1-218-716-11	s	METAL 10K 0.50% 1/16W
R47	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R48	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R49	1-218-747-11	s	METAL 200K 0.50% 1/16W
R50	1-218-716-11	s	METAL 10K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R51	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R52	1-218-883-11	s	METAL 33K 0.50% 1/16W
R53	1-218-883-11	s	METAL 33K 0.50% 1/16W
R54	1-218-716-11	s	METAL 10K 0.50% 1/16W
R55	1-218-716-11	s	METAL 10K 0.50% 1/16W
R56	1-216-826-11	s	METAL, CHIP 2.7K 5% 1/16W
R57	1-218-716-11	s	METAL 10K 0.50% 1/16W
R58	1-218-716-11	s	METAL 10K 0.50% 1/16W
R59	1-218-716-11	s	METAL 10K 0.50% 1/16W
R60	1-218-716-11	s	METAL 10K 0.50% 1/16W
R61	1-216-842-11	s	METAL, CHIP 56K 5% 1/16W
R62	1-218-676-11	s	METAL 220 0.50% 1/16W
R63	1-218-676-11	s	METAL 220 0.50% 1/16W
R64	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R65	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R66	1-216-842-11	s	METAL, CHIP 56K 5% 1/16W
R67	1-218-723-11	s	METAL 20K 0.50% 1/16W
R68	1-218-723-11	s	METAL 20K 0.50% 1/16W
R69	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R70	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R71	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R72	1-216-804-11	s	METAL 39K 0.50% 1/16W
R73	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R74	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R75	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R76	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R77	1-218-716-11	s	METAL 10K 0.50% 1/16W
R78	1-218-295-11	s	METAL 5.6K 0.50% 1/16W
R79	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R80	1-218-716-11	s	METAL 10K 0.50% 1/16W
R81	1-216-804-11	s	METAL 39K 0.50% 1/16W
R82	1-218-716-11	s	METAL 10K 0.50% 1/16W
R83	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R84	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R85	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R86	1-218-716-11	s	METAL 10K 0.50% 1/16W
R87	1-218-295-11	s	METAL 5.6K 0.50% 1/16W
R88	1-218-716-11	s	METAL 10K 0.50% 1/16W
R89	1-218-716-11	s	METAL 10K 0.50% 1/16W
R90	1-218-716-11	s	METAL 10K 0.50% 1/16W
R91	1-218-732-11	s	METAL 47K 0.50% 1/16W
R92	1-218-716-11	s	METAL 10K 0.50% 1/16W
R93	1-218-716-11	s	METAL 10K 0.50% 1/16W
R94	1-218-732-11	s	METAL 47K 0.50% 1/16W
R95	1-218-716-11	s	METAL 10K 0.50% 1/16W
R96	1-218-716-11	s	METAL 10K 0.50% 1/16W
R97	1-218-720-11	s	METAL 15K 0.50% 1/16W
R98	1-218-720-11	s	METAL 15K 0.50% 1/16W
R99	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R100	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R101	1-218-701-11	s	METAL 2.4K 0.50% 1/16W
R102	1-218-740-11	s	METAL 100K 0.50% 1/16W
R103	1-218-701-11	s	METAL 2.4K 0.50% 1/16W
R104	1-218-740-11	s	METAL 100K 0.50% 1/16W
R105	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R106	1-218-739-11	s	METAL 91K 0.50% 1/16W
R107	1-218-744-11	s	METAL 150K 0.50% 1/16W
R108	1-218-744-11	s	METAL 150K 0.50% 1/16W
R109	1-216-862-11	s	METAL 2.7M 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R110	1-216-862-11	s	METAL 2.7M 5% 1/16W
R120	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R201	1-218-664-11	s	METAL 68 0.50% 1/16W
R202	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R203	1-218-664-11	s	METAL 68 0.50% 1/16W
R204	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R205	1-218-716-11	s	METAL 10K 0.50% 1/16W
R206	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R207	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R208	1-218-716-11	s	METAL 10K 0.50% 1/16W
R209	1-218-716-11	s	METAL 10K 0.50% 1/16W
R210	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R211	1-218-716-11	s	METAL 10K 0.50% 1/16W
R212	1-218-716-11	s	METAL 10K 0.50% 1/16W
R213	1-218-288-11	s	METAL, CHIP 300 5% 1/16W
R214	1-216-797-11	s	METAL, CHIP 10 5% 1/16W
R215	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R216	1-218-745-11	s	METAL 160K 0.50% 1/16W
R217	1-218-286-11	s	METAL 91 0.50% 1/16W
R218	1-218-457-11	s	METAL 910 0.50% 1/16W
R219	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R220	1-218-745-11	s	METAL 160K 0.50% 1/16W
R221	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R222	1-218-271-11	s	METAL 2K 0.50% 1/16W
R223	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R224	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R225	1-218-286-11	s	METAL 91 0.50% 1/16W
R226	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R227	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R229	1-218-736-11	s	METAL 68K 0.50% 1/16W
R230	1-218-457-11	s	METAL 910 0.50% 1/16W
R231	1-218-271-11	s	METAL 2K 0.50% 1/16W
R232	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R233	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R234	1-218-286-11	s	METAL 91 0.50% 1/16W
R235	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R236	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R237	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R238	1-218-736-11	s	METAL 68K 0.50% 1/16W
R239	1-218-457-11	s	METAL 910 0.50% 1/16W
R240	1-218-271-11	s	METAL 2K 0.50% 1/16W
R241	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R242	1-218-701-11	s	METAL 2.4K 0.50% 1/16W
R243	1-218-286-11	s	METAL 91 0.50% 1/16W
R244	1-218-716-11	s	METAL 10K 0.50% 1/16W
R245	1-218-701-11	s	METAL 2.4K 0.50% 1/16W
R246	1-218-675-11	s	METAL 200 0.50% 1/16W
R247	1-218-736-11	s	METAL 68K 0.50% 1/16W
R248	1-218-457-11	s	METAL 910 0.50% 1/16W
R249	1-218-271-11	s	METAL 2K 0.50% 1/16W
R250	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R251	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R252	1-218-286-11	s	METAL 91 0.50% 1/16W
R253	1-218-883-11	s	METAL 33K 0.50% 1/16W
R254	1-218-330-11	s	METAL 11K 0.50% 1/16W
R255	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R256	1-218-736-11	s	METAL 68K 0.50% 1/16W
R257	1-218-457-11	s	METAL 910 0.50% 1/16W
R258	1-218-271-11	s	METAL 2K 0.50% 1/16W

(IV-36 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R259	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R260	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R261	1-218-286-11	s	METAL 91 0.50% 1/16W
R262	1-218-721-11	s	METAL 16K 0.50% 1/16W
R263	1-218-736-11	s	METAL 68K 0.50% 1/16W
R264	1-218-457-11	s	METAL 910 0.50% 1/16W
R265	1-218-271-11	s	METAL 2K 0.50% 1/16W
R266	1-218-271-11	s	METAL 2K 0.50% 1/16W
R267	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R268	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R269	1-218-286-11	s	METAL 91 0.50% 1/16W
R270	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R271	1-218-736-11	s	METAL 68K 0.50% 1/16W
R272	1-218-457-11	s	METAL 910 0.50% 1/16W
R273	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R274	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R275	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R276	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R277	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R278	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R279	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R280	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R281	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R282	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R283	1-218-740-11	s	METAL 100K 0.50% 1/16W
R284	1-218-740-11	s	METAL 100K 0.50% 1/16W
R285	1-218-883-11	s	METAL 33K 0.50% 1/16W
R286	1-218-740-11	s	METAL 100K 0.50% 1/16W
R290	1-218-675-11	s	METAL 200 0.50% 1/16W
R291	1-218-675-11	s	METAL 200 0.50% 1/16W
R292	1-218-716-11	s	METAL 10K 0.50% 1/16W
R293	1-218-883-11	s	METAL 33K 0.50% 1/16W
R300	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
RV1	1-237-036-11	s	RES, ADJ, METAL 10K
RV2	1-228-475-00	s	RES, ADJ, METAL 20K
RV3	1-228-475-00	s	RES, ADJ, METAL 20K
RV4	1-237-036-11	s	RES, ADJ, METAL 10K
RV5	1-228-475-00	s	RES, ADJ, METAL 20K
RV6	1-228-475-00	s	RES, ADJ, METAL 20K
RV7	1-237-036-11	s	RES, ADJ, METAL 10K
RV8	1-237-036-11	s	RES, ADJ, METAL 10K
RV9	1-237-036-11	s	RES, ADJ, METAL 10K
RV10	1-237-036-11	s	RES, ADJ, METAL 10K
RV11	1-237-036-11	s	RES, ADJ, METAL 10K
RV12	1-237-036-11	s	RES, ADJ, METAL 10K
RV13	1-237-036-11	s	RES, ADJ, METAL 10K
RV14	1-237-036-11	s	RES, ADJ, METAL 10K
RV15	1-237-036-11	s	RES, ADJ, METAL 10K
RV16	1-237-036-11	s	RES, ADJ, METAL 10K
S1	1-570-839-11	s	SWITCH, SLIDE
S2	1-570-839-11	s	SWITCH, SLIDE

MB-367 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8271-270-A	o	MOUNTED CIRCUIT BOARD, MB-367
12pcs	7-627-553-68	s	SCREW, PRECISION +P 2X6
C1	1-124-484-11	s	ELECT 220 20% 35V
C2	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C3	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C4	1-124-484-11	s	ELECT 220 20% 35V
C5	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C6	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C7	1-124-248-00	s	ELECT 22uF 20% 35V
C8	1-124-577-11	s	ELECT 82uF 20% 10V
C9	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C10	1-124-577-11	s	ELECT 82uF 20% 10V
C11	1-164-156-11	s	CERAMIC 0.1uF 25V0%
CN1	1-691-845-11	o	CONNECTOR (SQUARE TYPE) 50P
CN2	1-691-845-11	o	CONNECTOR (SQUARE TYPE) 50P
CN3	1-691-845-11	o	CONNECTOR (SQUARE TYPE) 50P
CN4	1-691-845-11	o	CONNECTOR (SQUARE TYPE) 50P
CN5	1-691-845-11	o	CONNECTOR (SQUARE TYPE) 50P
CN6	1-691-845-11	o	CONNECTOR (SQUARE TYPE) 50P
CN7	1-580-542-11	o	PIN, CONNECTOR 26P
CN8	1-691-843-11	s	CONNECTOR, COAXIAL
CN9	1-580-535-11	o	PIN, CONNECTOR 12P
CN10	1-580-535-11	o	PIN, CONNECTOR 12P
CN11	1-580-535-11	o	PIN, CONNECTOR 12P
CN12	1-580-533-11	s	PIN, CONNECTOR 8P
CN13	1-580-534-11	o	PIN, CONNECTOR 10P
CN14	1-580-531-11	o	PIN, CONNECTOR 4P
CN15	1-580-532-11	o	PIN, CONNECTOR 6P
CN16	1-580-532-11	o	PIN, CONNECTOR 6P
CN17	1-580-534-11	o	PIN, CONNECTOR 10P
CN18	1-580-531-11	o	PIN, CONNECTOR 4P
CN19	1-580-532-11	o	PIN, CONNECTOR 6P
CN21	1-561-365-00	s	CONNECTOR, COAXIAL, MALE
CN22	1-561-365-00	s	CONNECTOR, COAXIAL, MALE
CN23	1-561-365-00	s	CONNECTOR, COAXIAL, MALE
CN24	1-561-365-00	s	CONNECTOR, COAXIAL, MALE
CN25	1-561-365-00	s	CONNECTOR, COAXIAL, MALE
CN31	1-691-843-11	s	CONNECTOR, COAXIAL
CN32	1-691-843-11	s	CONNECTOR, COAXIAL
CN33	1-691-843-11	s	CONNECTOR, COAXIAL
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-106-70	s	DIODE RD12M-B1
D3	8-719-105-58	s	DIODE RD3.9M-B2
D4	8-719-800-76	s	DIODE 1SS226
D5	8-719-800-76	s	DIODE 1SS226
D6	8-719-210-43	s	DIODE EC10QS-06
D7	8-719-210-43	s	DIODE EC10QS-06
IC1	8-759-906-53	s	IC TL062CPS
IC2	8-759-300-71	s	IC MC14053BF
IC3	8-759-066-68	s	IC REF-03GS
LY1	1-515-721-11	s	RELAY
Q1	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q2	8-729-230-32	s	TRANSISTOR 2SA1244LB
Q3	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
R1	1-218-344-11	s	METAL 7.5K 0.50% 1/16W

(MB-367 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R2	1-218-716-11	s	METAL 10K 0.50% 1/16W
R3	1-218-680-11	s	METAL 330 0.50% 1/16W
R4	1-216-836-11	s	METAL, CHIP 18K 5% 1/16W
R5	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R6	1-218-716-11	s	METAL 10K 0.50% 1/16W
R7	1-218-676-11	s	METAL 220 0.50% 1/16W
R8	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R9	1-218-288-11	s	METAL, CHIP 300 5% 1/16W
R10	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R11	1-218-716-11	s	METAL 10K 0.50% 1/16W
R12	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R13	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R14	1-218-883-11	s	METAL 33K 0.50% 1/16W
R15	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R16	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R17	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R18	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R19	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R20	1-218-288-11	s	METAL, CHIP 300 5% 1/16W

RE-76 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8271-267-A	o	MOUNTED CIRCUIT BOARD, RE-76
C1	1-124-489-11	s	ELECT 150uF 20% 25V
C2	1-136-165-00	s	FILM 0.1uF 5% 50V
C3	1-124-489-11	s	ELECT 150uF 20% 25V
C4	1-124-489-11	s	ELECT 150uF 20% 25V
C5	1-136-165-00	s	FILM 0.1uF 5% 50V
C6	1-136-165-00	s	FILM 0.1uF 5% 50V
C7	1-124-604-00	s	ELECT 330uF 20% 10V
C8	1-136-177-00	s	FILM 1uF 5% 50V
C9	1-126-516-11	s	ELECT 120MF 20% 16V
C10	1-164-360-11	s	CERAMIC 0.1uF 16V
C11	1-164-360-11	s	CERAMIC 0.1uF 16V
C12	1-126-516-11	s	ELECT 120MF 20% 16V
C13	1-136-177-00	s	FILM 1uF 5% 50V
C14	1-124-604-00	s	ELECT 330uF 20% 10V
C15	1-124-604-00	s	ELECT 330uF 20% 10V
C16	1-136-165-00	s	FILM 0.1uF 5% 50V
C17	1-164-360-11	s	CERAMIC 0.1uF 16V
C18	1-164-360-11	s	CERAMIC 0.1uF 16V
C19	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C20	1-135-216-11	s	TANTAL 10uF 20% 10V
C21	1-137-194-11	s	FILM 0.47uF 5% 50V
C22	1-137-194-11	s	FILM 0.47uF 5% 50V
C23	1-131-374-00	s	TANTALUM 33uF 10% 16V
C24	1-135-216-11	s	TANTAL 10uF 20% 10V
C25	1-164-360-11	s	CERAMIC 0.1uF 16V
C26	1-164-392-11	s	CERAMIC 390PF 5% 50V
C31	1-136-177-00	s	FILM 1uF 5% 50V
CN1	1-580-561-11	o	PIN, CONNECTOR 12P
D1	8-719-023-54	s	DIODE EA60QC06-F
D2	8-719-800-76	s	DIODE 1SS226
D3	8-719-023-53	s	DIODE EA30QS04-F
D4	8-719-023-53	s	DIODE EA30QS04-F
D5	8-719-800-76	s	DIODE 1SS226
IC1	8-759-937-36	s	IC TL1451ACNS
L1	1-410-283-11	s	48uH (WITH CORE)
L2	1-424-314-21	s	COIL, CHOKE 150UH
L3	1-410-283-11	s	48uH (WITH CORE)
L4	1-424-314-21	s	COIL, CHOKE 150UH
L5	1-410-283-11	s	48uH (WITH CORE)
Q1	8-729-117-32	s	TRANSISTOR 2SC4177
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q4	8-729-322-45	s	TRANSISTOR 2SJ182S
Q5	8-729-322-45	s	TRANSISTOR 2SJ182S
Q6	8-729-117-32	s	TRANSISTOR 2SC4177
Q7	8-729-117-32	s	TRANSISTOR 2SC4177
Q8	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q9	8-729-322-45	s	TRANSISTOR 2SJ182S
Q10	8-729-322-45	s	TRANSISTOR 2SJ182S
Q11	8-729-117-32	s	TRANSISTOR 2SC4177
Q12	8-729-117-32	s	TRANSISTOR 2SC4177
Q13	8-729-117-32	s	TRANSISTOR 2SC4177
R1	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R2	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R3	1-218-708-11	s	METAL 4.7K 0.50% 1/16W

(RE-76 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R4	1-216-801-11	s	METAL 22 0.50% 1/16W
R5	1-216-801-11	s	METAL 22 0.50% 1/16W
R6	1-216-801-11	s	METAL 22 0.50% 1/16W
R7	1-216-801-11	s	METAL 22 0.50% 1/16W
R8	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R9	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R10	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R11	1-216-838-11	s	METAL, CHIP 27K 5% 1/16W
R12	1-218-714-11	s	METAL 8.2K 0.50% 1/16W
R13	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R14	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R15	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R16	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R17	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R18	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R19	1-218-725-11	s	METAL 24K 0.50% 1/16W
R20	1-218-716-11	s	METAL 10K 0.50% 1/16W
R21	1-218-716-11	s	METAL 10K 0.50% 1/16W
R22	1-218-732-11	s	METAL 47K 0.50% 1/16W
R23	1-218-732-11	s	METAL 47K 0.50% 1/16W
R24	1-218-716-11	s	METAL 10K 0.50% 1/16W
R25	1-218-716-11	s	METAL 10K 0.50% 1/16W
R26	1-218-740-11	s	METAL 100K 0.50% 1/16W
R27	1-218-716-11	s	METAL 10K 0.50% 1/16W
R28	1-218-716-11	s	METAL 10K 0.50% 1/16W
R29	1-218-746-11	s	METAL 180K 0.50% 1/16W
RV1	1-237-032-11	s	RES, ADJ, METAL 500
RV2	1-237-032-11	s	RES, ADJ, METAL 500

SG-191 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8271-274-A	o	MOUNTED CIRCUIT BOARD, SG-191
2pcs	7-627-553-68	s	SCREW, PRECISION +P 2X6
2pcs	7-621-771-06	s	SCREW +B 2X5
C1	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C2	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C3	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C4	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C5	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C6	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C7	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C8	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C9	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C10	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C11	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C12	1-162-812-11	s	CERAMIC 0.33uF 10% 50V
C13	1-135-216-11	s	TANTAL 10uF 20% 10V
C14	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C15	1-135-216-11	s	TANTAL 10uF 20% 10V
C16	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C17	1-164-360-11	s	CERAMIC 0.1uF 16V
C18	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C19	1-162-957-11	s	CERAMIC 220PF 5% 50V
C20	1-162-907-11	s	CERAMIC, CHIP 2PF 50V
C21	1-162-925-11	s	CERAMIC, CHIP 68PF 5% 50V
C22	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C23	1-164-360-11	s	CERAMIC 0.1uF 16V
C24	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C25	1-162-923-11	s	CERAMIC, CHIP 47PF 5% 50V
C26	1-162-638-11	s	CERAMIC, CHIP 1uF 16V
C27	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C28	1-162-966-11	s	CERAMIC, CHIP 0.0022uF 10% 50V
C29	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C30	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C31	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C32	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C33	1-135-076-21	s	TANTALUM, CHIP 1uF 10% 35V
C34	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C35	1-162-964-11	s	CERAMIC 0.001uF 10% 50V
C36	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C37	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C38	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C39	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C40	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C41	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C42	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C43	1-135-216-11	s	TANTAL 10uF 20% 10V
C44	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C45	1-135-216-11	s	TANTAL 10uF 20% 10V
C46	1-135-216-11	s	TANTAL 10uF 20% 10V
C47	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C48	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C49	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C50	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C51	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C52	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C53	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C54	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C55	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V

(SG-191 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C56	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C57	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C58	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C59	1-135-216-11	s	TANTAL 10uF 20% 10V
C60	1-135-216-11	s	TANTAL 10uF 20% 10V
C61	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C62	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C63	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C64	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C65	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
CN1	1-691-847-11	o	CONNECTOR (SQUARE TYPE) 50P
CN16	1-540-254-11	o	SOCKET, IC (PLCC)
D1	8-719-421-15	s	DIODE MA8027-L
D2	8-719-421-24	s	DIODE MA8039-H
D3	8-719-421-24	s	DIODE MA8039-H
D4	8-719-404-35	s	DIODE MA141WK
D5	8-719-800-76	s	DIODE 1SS226
IC1	8-759-142-19	s	IC UPC4064G
IC2	8-759-066-68	s	IC REF-03GS
IC3	8-759-014-29	s	IC MC34184M
IC4	8-759-239-34	s	IC TC74HC4538AF
IC5	8-759-009-34	s	IC MC14504BF
IC6	8-759-064-17	s	IC 5064-SG191-V1.0, PLD
IC7	8-759-009-02	s	IC MC14046BF
IC8	8-759-008-37	s	IC MC74HC4050F
IC9	8-759-009-04	s	IC MC14050BF
IC10	8-759-009-10	s	IC MC14069UBF
IC11	8-759-054-61	s	IC CLC505AJE
IC12	8-759-142-20	s	IC UPC4062G2
L1	1-543-775-11	s	FILTER, EMI
L2	1-543-775-11	s	FILTER, EMI
L3	1-543-775-11	s	FILTER, EMI
Q1	8-729-805-25	s	TRANSISTOR 2SB1121
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q4	8-729-807-16	s	TRANSISTOR 2SD1621
Q5	8-729-805-25	s	TRANSISTOR 2SB1121
Q6	8-729-117-32	s	TRANSISTOR 2SC4177
Q7	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q8	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q9	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q10	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q11	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q12	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q13	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q14	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q15	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q16	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q17	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q18	8-765-930-08	s	TRANSISTOR 3SK163-2
Q19	8-765-930-08	s	TRANSISTOR 3SK163-2
Q20	8-765-930-08	s	TRANSISTOR 3SK163-2
Q21	8-765-930-08	s	TRANSISTOR 3SK163-2
Q22	8-765-930-08	s	TRANSISTOR 3SK163-2
Q23	8-765-930-08	s	TRANSISTOR 3SK163-2
Q24	8-729-143-14	s	TRANSISTOR 2SC4176-B35

(SG-191 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1	1-218-676-11	s	METAL 220 0.50% 1/16W
R2	1-218-676-11	s	METAL 220 0.50% 1/16W
R3	1-218-676-11	s	METAL 220 0.50% 1/16W
R4	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R5	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R6	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R7	1-218-716-11	s	METAL 10K 0.50% 1/16W
R8	1-218-716-11	s	METAL 10K 0.50% 1/16W
R9	1-218-716-11	s	METAL 10K 0.50% 1/16W
R10	1-218-716-11	s	METAL 10K 0.50% 1/16W
R11	1-218-716-11	s	METAL 10K 0.50% 1/16W
R12	1-218-716-11	s	METAL 10K 0.50% 1/16W
R13	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R14	1-218-725-11	s	METAL 24K 0.50% 1/16W
R15	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R16	1-216-834-11	s	METAL, CHIP 12K 5% 1/16W
R17	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R18	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R19	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R20	1-216-801-11	s	METAL 22 0.50% 1/16W
R21	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R22	1-218-724-11	s	METAL 22K 0.50% 1/16W
R23	1-218-716-11	s	METAL 10K 0.50% 1/16W
R24	1-218-716-11	s	METAL 10K 0.50% 1/16W
R25	1-218-286-11	s	METAL 91 0.50% 1/16W
R26	1-218-676-11	s	METAL 220 0.50% 1/16W
R27	1-218-746-11	s	METAL 180K 0.50% 1/16W
R28	1-218-747-11	s	METAL 200K 0.50% 1/16W
R29	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R30	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R31	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R32	1-218-720-11	s	METAL 15K 0.50% 1/16W
R33	1-218-270-11	s	METAL 1.1K 0.50% 1/16W
R34	1-218-716-11	s	METAL 10K 0.50% 1/16W
R35	1-218-724-11	s	METAL 22K 0.50% 1/16W
R36	1-218-740-11	s	METAL 100K 0.50% 1/16W
R37	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R38	1-218-716-11	s	METAL 10K 0.50% 1/16W
R39	1-218-716-11	s	METAL 10K 0.50% 1/16W
R40	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R41	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R42	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R43	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R44	1-218-740-11	s	METAL 100K 0.50% 1/16W
R45	1-218-716-11	s	METAL 10K 0.50% 1/16W
R46	1-218-716-11	s	METAL 10K 0.50% 1/16W
R47	1-216-857-11	s	METAL, CHIP 1M 5% 1/16W
R48	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R49	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R50	1-218-747-11	s	METAL 200K 0.50% 1/16W
R51	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R52	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R53	1-218-701-11	s	METAL 2.4K 0.50% 1/16W
R54	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R55	1-216-826-11	s	METAL, CHIP 2.7K 5% 1/16W
R56	1-218-744-11	s	METAL 150K 0.50% 1/16W
R57	1-218-740-11	s	METAL 100K 0.50% 1/16W
R58	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R59	1-218-676-11	s	METAL 220 0.50% 1/16W

(SG-191 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R60	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R61	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R62	1-218-747-11	s	METAL 200K 0.50% 1/16W
R63	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R64	1-218-883-11	s	METAL 33K 0.50% 1/16W
R65	1-218-740-11	s	METAL 100K 0.50% 1/16W
R66	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R67	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R68	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R69	1-218-747-11	s	METAL 200K 0.50% 1/16W
R70	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R71	1-216-801-11	s	METAL 22 0.50% 1/16W
R72	1-218-747-11	s	METAL 200K 0.50% 1/16W
R73	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R74	1-218-740-11	s	METAL 100K 0.50% 1/16W
R75	1-218-740-11	s	METAL 100K 0.50% 1/16W
R76	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R77	1-218-883-11	s	METAL 33K 0.50% 1/16W
R78	1-218-883-11	s	METAL 33K 0.50% 1/16W
R79	1-216-795-11	s	METAL 6.8K 0.50% 1/16W
R80	1-218-724-11	s	METAL 22K 0.50% 1/16W
R81	1-218-716-11	s	METAL 10K 0.50% 1/16W
R82	1-218-883-11	s	METAL 33K 0.50% 1/16W
R83	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R84	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R85	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R86	1-218-883-11	s	METAL 33K 0.50% 1/16W
R87	1-218-883-11	s	METAL 33K 0.50% 1/16W
R88	1-218-740-11	s	METAL 100K 0.50% 1/16W
R89	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R90	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R91	1-218-286-11	s	METAL 91 0.50% 1/16W
R92	1-218-457-11	s	METAL 910 0.50% 1/16W
R93	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R94	1-218-676-11	s	METAL 220 0.50% 1/16W
R95	1-218-676-11	s	METAL 220 0.50% 1/16W
R96	1-218-676-11	s	METAL 220 0.50% 1/16W
R97	1-218-676-11	s	METAL 220 0.50% 1/16W
R98	1-218-676-11	s	METAL 220 0.50% 1/16W
R99	1-218-676-11	s	METAL 220 0.50% 1/16W
R100	1-218-676-11	s	METAL 220 0.50% 1/16W
R101	1-218-676-11	s	METAL 220 0.50% 1/16W
R102	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R103	1-218-883-11	s	METAL 33K 0.50% 1/16W
R104	1-218-736-11	s	METAL 68K 0.50% 1/16W
R105	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R106	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R107	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R108	1-218-676-11	s	METAL 220 0.50% 1/16W
X1	1-579-590-11	s	OSCILLATOR, VOLTAGE CONTROL

SW-497 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8271-268-A	o	MOUNTED CIRCUIT BOARD, SW-497
CN101	1-580-535-11	o	PIN, CONNECTOR 12P
D101	8-719-800-76	s	DIODE 1SS226
D102	8-719-800-76	s	DIODE 1SS226
D103	8-719-800-76	s	DIODE 1SS226
D104	8-719-800-76	s	DIODE 1SS226
D105	8-719-800-76	s	DIODE 1SS226
D106	8-719-974-44	s	LED PG4553KY, GRN
D107	8-719-974-44	s	LED PG4553KY, GRN
D108	8-719-974-44	s	LED PG4553KY, GRN
D109	8-719-974-44	s	LED PG4553KY, GRN
D110	8-719-974-44	s	LED PG4553KY, GRN
D111	8-719-023-51	s	LED MU03-2201; RED
IC101	8-759-926-11	s	IC SN74HC138ANS
IC102	8-759-926-48	s	IC SN74HC244ANS
R101	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R102	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R103	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R104	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R105	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R106	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R109	1-218-676-11	s	METAL 220 0.50% 1/16W
R110	1-218-676-11	s	METAL 220 0.50% 1/16W
S101	1-570-472-11	s	SWITCH, KEY BOARD
S102	1-570-472-11	s	SWITCH, KEY BOARD
S103	1-570-472-11	s	SWITCH, KEY BOARD
S104	1-570-472-11	s	SWITCH, KEY BOARD
S105	1-570-472-11	s	SWITCH, KEY BOARD

SW-525 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8271-269-A	o	MOUNTED CIRCUIT BOARD, SW-525
C1	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C2	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C3	1-135-216-11	s	TANTAL 10uF 20% 10V
C4	1-164-373-11	s	CERAMIC 0.033uF 25V
CN1	1-580-558-11	o	PIN, CONNECTOR 6P
CN2	1-580-561-11	o	PIN, CONNECTOR 12P
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-800-76	s	DIODE 1SS226
D3	8-719-974-44	s	LED PG4553KY, GRN
D4	8-719-974-44	s	LED PG4553KY, GRN
D5	8-719-974-44	s	LED PG4553KY, GRN
D6	8-719-974-44	s	LED PG4553KY, GRN
D7	8-719-974-44	s	LED PG4553KY, GRN
D8	8-719-974-44	s	LED PG4553KY, GRN
D9	8-719-974-44	s	LED PG4553KY, GRN
D10	8-719-974-44	s	LED PG4553KY, GRN
IC1	8-759-066-68	s	IC REF-03GS
IC2	8-759-142-20	s	IC UPC4062G2
IC3	8-759-990-61	s	IC PCF8574T
IC4	8-759-990-61	s	IC PCF8574T
IC5	8-759-030-50	s	IC MC14490F
IC6	8-759-030-50	s	IC MC14490F
IC7	8-759-926-12	s	IC SN74HC139ANS
IC8	8-759-926-48	s	IC SN74HC244ANS
Q1	8-729-805-25	s	TRANSISTOR 2SB1121
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
R1	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R2	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R3	1-218-676-11	s	METAL 220 0.50% 1/16W
R4	1-218-271-11	s	METAL 2K 0.50% 1/16W
R5	1-218-883-11	s	METAL 33K 0.50% 1/16W
R6	1-218-883-11	s	METAL 33K 0.50% 1/16W
R7	1-218-716-11	s	METAL 10K 0.50% 1/16W
R8	1-218-716-11	s	METAL 10K 0.50% 1/16W
R9	1-218-716-11	s	METAL 10K 0.50% 1/16W
R10	1-218-676-11	s	METAL 220 0.50% 1/16W
R11	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R12	1-218-716-11	s	METAL 10K 0.50% 1/16W
R13	1-218-676-11	s	METAL 220 0.50% 1/16W
R14	1-218-676-11	s	METAL 220 0.50% 1/16W
R15	1-218-676-11	s	METAL 220 0.50% 1/16W
R16	1-218-676-11	s	METAL 220 0.50% 1/16W
R17	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
S1	1-570-472-11	s	SWITCH, KEY BOARD
S2	1-570-472-11	s	SWITCH, KEY BOARD

VDA-19 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8271-271-A	o	MOUNTED CIRCUIT BOARD, VDA-19
2pcs	7-621-771-06	s	SCREW +B 2X5
2pcs	7-627-553-68	s	SCREW, PRECISION +P 2X6
C1	1-131-379-00	s	TANTALUM 22uF 10% 10V
C4	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C6	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C7	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C8	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C9	1-135-216-11	s	TANTAL 10uF 20% 10V
C10	1-135-216-11	s	TANTAL 10uF 20% 10V
C11	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C12	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C13	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C14	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C15	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C16	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C17	1-162-920-11	s	CERAMIC, CHIP 27PF 5% 50V
C18	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C19	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C20	1-162-925-11	s	CERAMIC, CHIP 68PF 5% 50V
C21	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C22	1-135-216-11	s	TANTAL 10uF 20% 10V
C23	1-135-216-11	s	TANTAL 10uF 20% 10V
C24	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C25	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C26	1-135-216-11	s	TANTAL 10uF 20% 10V
C27	1-135-216-11	s	TANTAL 10uF 20% 10V
C28	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C29	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C30	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C31	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C32	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C33	1-135-216-11	s	TANTAL 10uF 20% 10V
C34	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C35	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C36	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C40	1-162-916-11	s	CERAMIC, CHIP 12PF 5% 50V
C41	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C101	1-131-379-00	s	TANTALUM 22uF 10% 10V
C104	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C106	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C107	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C108	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C109	1-135-216-11	s	TANTAL 10uF 20% 10V
C110	1-135-216-11	s	TANTAL 10uF 20% 10V
C111	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C112	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C113	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C114	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C115	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C116	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C117	1-162-920-11	s	CERAMIC, CHIP 27PF 5% 50V
C118	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C119	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C120	1-162-925-11	s	CERAMIC, CHIP 68PF 5% 50V
C121	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C122	1-135-216-11	s	TANTAL 10uF 20% 10V
C123	1-135-216-11	s	TANTAL 10uF 20% 10V

(VDA-19 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C124	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C125	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C126	1-135-216-11	s	TANTAL 10uF 20% 10V
C127	1-135-216-11	s	TANTAL 10uF 20% 10V
C128	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C129	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C130	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C131	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C132	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C133	1-135-216-11	s	TANTAL 10uF 20% 10V
C134	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C135	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C136	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C140	1-162-916-11	s	CERAMIC, CHIP 12PF 5% 50V
C141	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C201	1-131-379-00	s	TANTALUM 22uF 10% 10V
C204	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C206	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C207	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C208	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C209	1-135-216-11	s	TANTAL 10uF 20% 10V
C210	1-135-216-11	s	TANTAL 10uF 20% 10V
C211	1-162-908-11	s	CERAMIC 3PF 0.25PF 50V
C212	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C213	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C214	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C215	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C216	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C217	1-162-920-11	s	CERAMIC, CHIP 27PF 5% 50V
C218	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C219	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C220	1-162-925-11	s	CERAMIC, CHIP 68PF 5% 50V
C221	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C222	1-135-216-11	s	TANTAL 10uF 20% 10V
C223	1-135-216-11	s	TANTAL 10uF 20% 10V
C224	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C225	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C226	1-135-216-11	s	TANTAL 10uF 20% 10V
C227	1-135-216-11	s	TANTAL 10uF 20% 10V
C228	1-164-156-11	s	CERAMIC 0.1uF 25V0%
C229	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C230	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C231	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C232	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C233	1-135-216-11	s	TANTAL 10uF 20% 10V
C234	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C235	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C236	1-135-159-21	s	TANTALUM, CHIP 10uF 10% 20V
C240	1-162-916-11	s	CERAMIC, CHIP 12PF 5% 50V
C241	1-162-905-11	s	CERAMIC 1PF 0.25PF 50V
C301	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C302	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C303	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C304	1-162-915-11	s	CERAMIC, CHIP 10PF 5PF 50V
C305	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C306	1-135-179-21	s	TANTALUM 2.2uF 20% 16V
C307	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C308	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C309	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C310	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C311	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C312	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C313	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C314	1-135-215-21	s	TANTAL 6.8uF 20% 16V
C315	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C316	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C317	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C318	1-135-091-00	s	TANTALUN, CHIP 1uF 10% 16V
C319	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C320	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C321	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C322	1-135-177-21	s	TANTALUM CHIP 1uF 10% 25V
C323	1-162-893-11	s	CERAMIC 0.0022uF 10% 50V
C324	1-162-893-11	s	CERAMIC 0.0022uF 10% 50V
CN1	1-691-847-11	o	CONNECTOR (SQUARE TYPE) 50P
D3	8-719-800-76	s	DIODE 1SS226
D103	8-719-800-76	s	DIODE 1SS226
D203	8-719-800-76	s	DIODE 1SS226
D301	8-719-948-47	s	DIODE HSM88AS
D302	8-719-948-47	s	DIODE HSM88AS
D303	8-719-948-47	s	DIODE HSM88AS
D304	8-719-948-47	s	DIODE HSM88AS
D305	8-719-948-47	s	DIODE HSM88AS
D306	8-719-948-47	s	DIODE HSM88AS
D307	8-719-948-47	s	DIODE HSM88AS
D308	8-719-948-47	s	DIODE HSM88AS
IC1	8-759-054-61	s	IC CLC505AJE
IC2	8-759-054-61	s	IC CLC505AJE
IC3	8-759-142-20	s	IC UPC4062G2
IC4	8-752-052-77	s	IC CXA1450M
IC5	8-752-052-77	s	IC CXA1450M
IC6	8-759-054-61	s	IC CLC505AJE
IC7	8-759-054-61	s	IC CLC505AJE
IC101	8-759-054-61	s	IC CLC505AJE
IC102	8-759-054-61	s	IC CLC505AJE
IC103	8-759-142-20	s	IC UPC4062G2
IC104	8-752-052-77	s	IC CXA1450M
IC105	8-752-052-77	s	IC CXA1450M
IC106	8-759-054-61	s	IC CLC505AJE
IC107	8-759-054-61	s	IC CLC505AJE
IC201	8-759-054-61	s	IC CLC505AJE
IC202	8-759-054-61	s	IC CLC505AJE
IC203	8-759-142-20	s	IC UPC4062G2
IC204	8-752-052-77	s	IC CXA1450M
IC205	8-752-052-77	s	IC CXA1450M
IC206	8-759-054-61	s	IC CLC505AJE
IC207	8-759-054-61	s	IC CLC505AJE
IC301	8-759-925-74	s	IC SN74HC04ANS
IC302	8-759-927-46	s	IC SN74HC00ANS
IC303	8-759-142-20	s	IC UPC4062G2
IC304	8-759-927-46	s	IC SN74HC00ANS
IC305	8-759-142-19	s	IC UPC4064G
IC306	8-759-066-68	s	IC REF-03GS
IC307	8-759-300-71	s	IC MC14053BF
IC308	8-759-234-77	s	IC TC4S66F
IC309	8-759-054-63	s	IC TLC339CNS

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Ref. No. or Q'ty	Part No.	SP	Description
IC310	8-759-035-90	s	IC SC7SO2FEL
Q5	8-765-930-08	s	TRANSISTOR 3SK163-2
Q6	8-765-930-08	s	TRANSISTOR 3SK163-2
Q7	8-765-930-08	s	TRANSISTOR 3SK163-2
Q8	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q105	8-765-930-08	s	TRANSISTOR 3SK163-2
Q106	8-765-930-08	s	TRANSISTOR 3SK163-2
Q107	8-765-930-08	s	TRANSISTOR 3SK163-2
Q108	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q205	8-765-930-08	s	TRANSISTOR 3SK163-2
Q206	8-765-930-08	s	TRANSISTOR 3SK163-2
Q207	8-765-930-08	s	TRANSISTOR 3SK163-2
Q208	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q301	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q302	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q303	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q304	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q305	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q306	8-729-805-25	s	TRANSISTOR 2SB1121
Q307	8-729-117-32	s	TRANSISTOR 2SC4177
Q308	8-729-117-16	s	TRANSISTOR 2SA1611-M6
Q309	8-729-807-16	s	TRANSISTOR 2SD1621
Q310	8-729-805-25	s	TRANSISTOR 2SB1121
Q311	8-729-117-32	s	TRANSISTOR 2SC4177
R1	1-218-664-11	s	METAL 68 0.50% 1/16W
R2	1-218-664-11	s	METAL 68 0.50% 1/16W
R3	1-216-806-11	s	METAL 56 0.50% 1/16W
R4	1-218-651-11	s	METAL 20 0.50% 1/16W
R7	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R8	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R14	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R15	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R17	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R18	1-218-736-11	s	METAL 68K 0.50% 1/16W
R19	1-218-457-11	s	METAL 910 0.50% 1/16W
R20	1-218-286-11	s	METAL 91 0.50% 1/16W
R21	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R22	1-218-736-11	s	METAL 68K 0.50% 1/16W
R23	1-218-457-11	s	METAL 910 0.50% 1/16W
R24	1-218-740-11	s	METAL 100K 0.50% 1/16W
R25	1-218-748-11	s	METAL 220K 0.50% 1/16W
R26	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R27	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R28	1-218-740-11	s	METAL 100K 0.50% 1/16W
R29	1-218-716-11	s	METAL 10K 0.50% 1/16W
R30	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R31	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R32	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R33	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R34	1-218-740-11	s	METAL 100K 0.50% 1/16W
R35	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R36	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R37	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R38	1-218-716-11	s	METAL 10K 0.50% 1/16W
R39	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R40	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R41	1-220-373-11	s	METAL 620 0.50% 1/16W
R42	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R43	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R44	1-218-736-11	s	METAL 68K 0.50% 1/16W
R45	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R46	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R47	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R48	1-218-344-11	s	METAL 7.5K 0.50% 1/16W
R49	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R50	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R51	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R52	1-218-736-11	s	METAL 68K 0.50% 1/16W
R53	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R60	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R101	1-218-664-11	s	METAL 68 0.50% 1/16W
R102	1-218-664-11	s	METAL 68 0.50% 1/16W
R103	1-216-806-11	s	METAL 56 0.50% 1/16W
R104	1-218-651-11	s	METAL 20 0.50% 1/16W
R107	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R108	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R114	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R115	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R117	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R118	1-218-736-11	s	METAL 68K 0.50% 1/16W
R119	1-218-457-11	s	METAL 910 0.50% 1/16W
R120	1-218-286-11	s	METAL 91 0.50% 1/16W
R121	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R122	1-218-736-11	s	METAL 68K 0.50% 1/16W
R123	1-218-457-11	s	METAL 910 0.50% 1/16W
R124	1-218-740-11	s	METAL 100K 0.50% 1/16W
R125	1-218-748-11	s	METAL 220K 0.50% 1/16W
R126	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R127	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R128	1-218-740-11	s	METAL 100K 0.50% 1/16W
R129	1-218-716-11	s	METAL 10K 0.50% 1/16W
R130	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R131	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R132	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R133	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R134	1-218-740-11	s	METAL 100K 0.50% 1/16W
R135	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R136	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R137	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R138	1-218-716-11	s	METAL 10K 0.50% 1/16W
R139	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R140	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R141	1-220-373-11	s	METAL 620 0.50% 1/16W
R142	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R143	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R144	1-218-736-11	s	METAL 68K 0.50% 1/16W
R145	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R146	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R147	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R148	1-218-344-11	s	METAL 7.5K 0.50% 1/16W
R149	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R150	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R151	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R152	1-218-736-11	s	METAL 68K 0.50% 1/16W
R153	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R160	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R201	1-218-664-11	s	METAL 68 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R202	1-218-664-11	s	METAL 68 0.50% 1/16W
R203	1-216-806-11	s	METAL 56 0.50% 1/16W
R204	1-218-651-11	s	METAL 20 0.50% 1/16W
R207	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R208	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R214	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R215	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R217	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R218	1-218-736-11	s	METAL 68K 0.50% 1/16W
R219	1-218-457-11	s	METAL 910 0.50% 1/16W
R220	1-218-286-11	s	METAL 91 0.50% 1/16W
R221	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R222	1-218-736-11	s	METAL 68K 0.50% 1/16W
R223	1-218-457-11	s	METAL 910 0.50% 1/16W
R224	1-218-740-11	s	METAL 100K 0.50% 1/16W
R225	1-218-748-11	s	METAL 220K 0.50% 1/16W
R226	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R227	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R228	1-218-716-11	s	METAL 10K 0.50% 1/16W
R229	1-218-740-11	s	METAL 100K 0.50% 1/16W
R230	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R231	1-216-822-11	s	METAL, CHIP 1.2K 5% 1/16W
R232	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R233	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R234	1-218-740-11	s	METAL 100K 0.50% 1/16W
R235	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R236	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R237	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R238	1-218-716-11	s	METAL 10K 0.50% 1/16W
R239	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R240	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R241	1-220-373-11	s	METAL 620 0.50% 1/16W
R242	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R243	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R244	1-218-736-11	s	METAL 68K 0.50% 1/16W
R245	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R246	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R247	1-218-289-11	s	METAL CHIP 510 5% 1/16W
R248	1-218-344-11	s	METAL 7.5K 0.50% 1/16W
R249	1-216-826-11	s	METAL, CHIP 2.7K 5% 1/16W
R250	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R251	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R252	1-218-736-11	s	METAL 68K 0.50% 1/16W
R253	1-218-285-11	s	METAL, CHIP 75 5% 1/16W
R260	1-218-272-11	s	METAL 5.1K 0.50% 1/16W
R301	1-218-716-11	s	METAL 10K 0.50% 1/16W
R302	1-218-724-11	s	METAL 22K 0.50% 1/16W
R303	1-218-716-11	s	METAL 10K 0.50% 1/16W
R304	1-218-716-11	s	METAL 10K 0.50% 1/16W
R305	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R306	1-218-716-11	s	METAL 10K 0.50% 1/16W
R307	1-218-724-11	s	METAL 22K 0.50% 1/16W
R308	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R309	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R310	1-216-820-11	s	METAL, CHIP 820 5% 1/16W
R311	1-218-716-11	s	METAL 10K 0.50% 1/16W
R312	1-218-724-11	s	METAL 22K 0.50% 1/16W
R313	1-218-716-11	s	METAL 10K 0.50% 1/16W
R314	1-218-716-11	s	METAL 10K 0.50% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R315	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R316	1-218-716-11	s	METAL 10K 0.50% 1/16W
R317	1-218-724-11	s	METAL 22K 0.50% 1/16W
R318	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R319	1-218-707-11	s	METAL 4.3K 0.50% 1/16W
R320	1-216-820-11	s	METAL, CHIP 820 5% 1/16W
R321	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R322	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R323	1-218-883-11	s	METAL 33K 0.50% 1/16W
R324	1-218-883-11	s	METAL 33K 0.50% 1/16W
R325	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R326	1-218-883-11	s	METAL 33K 0.50% 1/16W
R327	1-218-704-11	s	METAL 3.3K 0.50% 1/16W
R328	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R329	1-218-676-11	s	METAL 220 0.50% 1/16W
R330	1-218-676-11	s	METAL 220 0.50% 1/16W
R331	1-218-676-11	s	METAL 220 0.50% 1/16W
R332	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R333	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R334	1-218-716-11	s	METAL 10K 0.50% 1/16W
R335	1-218-716-11	s	METAL 10K 0.50% 1/16W
R336	1-218-716-11	s	METAL 10K 0.50% 1/16W
R337	1-218-716-11	s	METAL 10K 0.50% 1/16W
R338	1-218-716-11	s	METAL 10K 0.50% 1/16W
R339	1-218-676-11	s	METAL 220 0.50% 1/16W
R340	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R341	1-218-700-11	s	METAL 2.2K 0.50% 1/16W
R342	1-218-725-11	s	METAL 24K 0.50% 1/16W
R343	1-218-716-11	s	METAL 10K 0.50% 1/16W
R344	1-218-716-11	s	METAL 10K 0.50% 1/16W
R345	1-218-716-11	s	METAL 10K 0.50% 1/16W
R346	1-218-716-11	s	METAL 10K 0.50% 1/16W
R347	1-218-345-11	s	METAL 9.1K 0.50% 1/16W
R348	1-218-701-11	s	METAL 2.4K 0.50% 1/16W
R349	1-218-708-11	s	METAL 4.7K 0.50% 1/16W
R350	1-218-677-11	s	METAL 240 0.50% 1/16W
R351	1-218-716-11	s	METAL 10K 0.50% 1/16W
R352	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R361	1-218-740-11	s	METAL 100K 0.50% 1/16W
R362	1-218-740-11	s	METAL 100K 0.50% 1/16W
R363	1-218-740-11	s	METAL 100K 0.50% 1/16W
R364	1-218-740-11	s	METAL 100K 0.50% 1/16W
R365	1-218-883-11	s	METAL 33K 0.50% 1/16W
R400	1-218-883-11	s	METAL 33K 0.50% 1/16W
RV1	1-237-031-11	s	RES, ADJ, METAL 200
RV2	1-237-032-11	s	RES, ADJ, METAL 500
RV3	1-237-031-11	s	RES, ADJ, METAL 200
RV4	1-237-036-11	s	RES, ADJ, METAL 10K
RV101	1-237-031-11	s	RES, ADJ, METAL 200
RV102	1-237-032-11	s	RES, ADJ, METAL 500
RV103	1-237-031-11	s	RES, ADJ, METAL 200
RV104	1-237-036-11	s	RES, ADJ, METAL 10K
RV201	1-237-031-11	s	RES, ADJ, METAL 200
RV202	1-237-032-11	s	RES, ADJ, METAL 500
RV203	1-237-031-11	s	RES, ADJ, METAL 200
RV204	1-237-036-11	s	RES, ADJ, METAL 10K
RV301	1-237-033-11	s	RES, ADJ, METAL 1K

FRAME

Ref. No. or Q'ty	Part No.	SP	Description
CN1F (TO RE-76 BOARD)			
	1-949-919-11	o	HARNESS (RE)
	1-580-582-11	o	HOUSING, CONNECTOR 12P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN1F (TO SW-525 BOARD)			
	1-580-579-11	o	HOUSING, CONNECTOR 6P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN2F (TO SW-525 BOARD)			
	1-580-582-11	o	HOUSING, CONNECTOR 12P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN7F (TO MB-367 BOARD)			
	1-580-589-11	o	HOUSING, CONNECTOR 26P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN9F (TO MB-367 BOARD)			
	1-580-582-11	o	HOUSING, CONNECTOR 12P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN10F (TO MB-367 BOARD)			
	1-580-582-11	o	HOUSING, CONNECTOR 12P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN11F (TO MB-367 BOARD)			
	1-949-919-11	o	HARNESS (RE)
	1-580-582-11	o	HOUSING, CONNECTOR 12P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN12F (TO MB-367 BOARD)			
	1-580-580-11	o	HOUSING, CONNECTOR 8P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN13F (TO MB-367 BOARD)			
	1-580-581-11	o	HOUSING, CONNECTOR 10P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN15F (TO MB-367 BOARD)			
	1-580-579-11	o	HOUSING, CONNECTOR 6P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN16F (TO MB-367 BOARD)			
	1-580-579-11	o	HOUSING, CONNECTOR 6P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN17F (TO MB-367 BOARD)			
	1-580-581-11	o	HOUSING, CONNECTOR 10P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN19F (TO MB-367 BOARD)			
	1-580-579-11	o	HOUSING, CONNECTOR 6P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN101F (TO SW-497 BOARD)			
	1-580-582-11	o	HOUSING, CONNECTOR 12P
	1-580-599-11	o	TERMINAL, SOLDERLESS
CN101	1-949-921-11	o	HARNESS (CAMERA)
	1-562-809-11	s	CONNECTOR, ROUND 11P MALE "CCU"
CN103	1-949-918-11	o	HARNESS (VF)
	1-562-221-51	s	CONNECTOR, FEMALE, 12P "VF"
CN105	1-949-918-11	o	HARNESS (VF)
	1-565-072-21	s	CONNECTOR, 4P, FEMALE "VF POWER"
CN106	1-949-927-13	o	HARNESS (L.SIDE PLATE(B))
	1-561-376-21	s	CONNECTOR, 4P FEMALE "DC OUT"
CN107	1-949-917-11	o	HARNESS (CHU)
	1-568-911-21	o	CONNECTOR (D02 F) 29P
CN109	1-509-186-31	s	CONNECTOR, 5P, FEMALE "INCOM1"
CN110	1-509-186-31	s	CONNECTOR, 5P, FEMALE "INCOM2"
CN111	1-949-927-13	o	HARNESS (L.SIDE PLATE(B))
	1-561-781-21	s	CONNECTOR, BNC "MONITOR"
CN112	1-562-222-41	o	CONNECTOR, 6P FEMALE "REMOTE"
RV101	1-237-981-11	s	RES, VAR, CARBON 20K "INCOM1 LEVEL"
RV102	1-237-981-11	s	RES, VAR, CARBON 20K "INCOM2 LEVEL"
S101	1-571-367-11	s	SWITCH, TOGGLE "POWER ON/OFF"
S102	1-571-070-11	s	SWITCH, TOGGLE "INCOM1 MIC ON/OFF"
S103	1-571-070-11	s	SWITCH, TOGGLE "INCOM2 MIC ON/OFF"

(FRAME)

Ref. No. or Q'ty	Part No.	SP	Description
(SUPPLIED ACCESSORY)			
	1-949-925-12	o	HARNESS (INC110-2)
C101	1-136-205-11	s	FILM 0.022MF 5% 630V
J101	1-507-676-00	s	JACK, PHONE "INCOM1"
J102	1-507-676-00	s	JACK, PHONE "INCOM2"
R101	1-249-407-11	s	CARBON 150 5% 1/4W
R102	1-249-407-11	s	CARBON 150 5% 1/4W
VDR101	1-806-500-11	s	ERZ-C05DK390

SUPPLIED ACCESSORIES

Ref. No. or Q'ty	Part No.	SP	Description
1	1-949-925-12	o	HARNESS (INC110-2)
1	3-176-521-01	o	PANEL (4) (B), CONNECTOR

SECTION E
CHANGED PARTS

NOTE: The numbers identified by making with) are
matching with each serial numbers.

204) Serial No. 10101 and higher

AU-160 BOARD

OLD) 1pc 1-642-650-11 o PRINTED CIRCUIT BOARD, SW-486
204) 1pc 1-642-650-12 o PRINTED CIRCUIT BOARD, SW-486

HDCA-350
3-175-612-02

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