

FINAL UNIT (X45-3460-00)

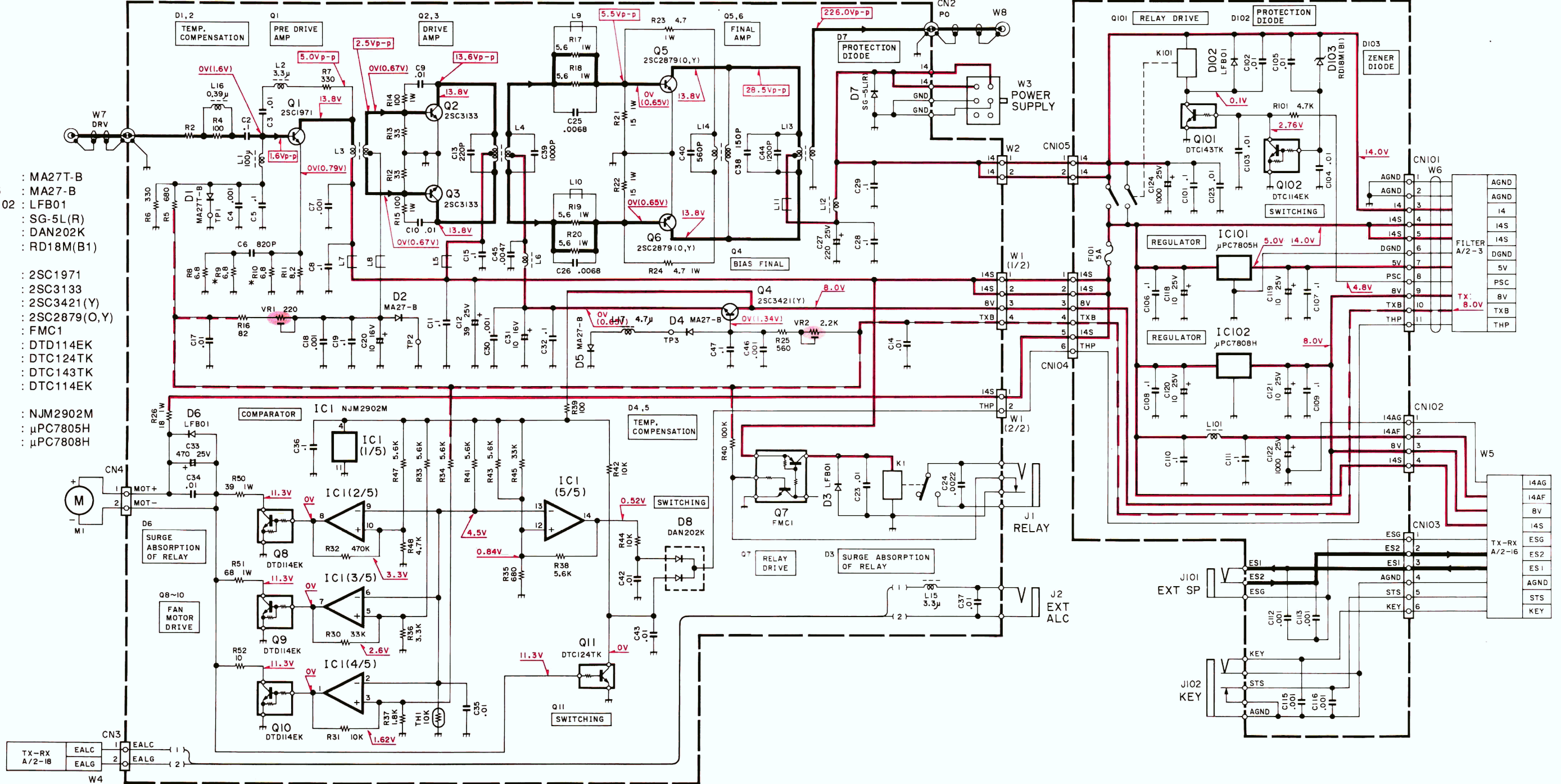
FINAL UNIT
(X45-3460-00) (A/2)

FINAL UNIT
(X45-3460-00) (B/2)

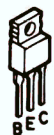
- D1 : MA27T-B
- D2,4,5 : MA27-B
- D3,6,102 : LFB01
- D7 : SG-5L(R)
- D8 : DAN202K
- D103 : RD18M(B1)

- Q1 : 2SC1971
- Q2,3 : 2SC3133
- Q4 : 2SC3421(Y)
- Q5,6 : 2SC2879(O,Y)
- Q7 : FMC1
- Q8~10 : DTD114EK
- Q11 : DTC124TK
- Q101 : DTC143TK
- Q102 : DTC114EK

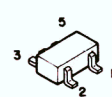
- IC1 : NJM2902M
- IC101 : μPC7805H
- IC102 : μPC7808H



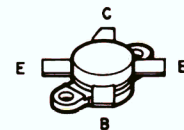
2SC1971
2SC3133



FMC1



2SC2879



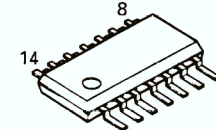
DTC114EK
DTC124TK
DTC143TK
DTD114EK



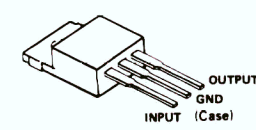
2SC3421



NJM2902M



μPC7805H
μPC7808H



PARTS LIST

× New Parts

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TS-50S

FINAL UNIT (X45-3460-00)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Desti- nation 仕向	Re- marks 備考
89	1C, 2B	*	X46-3152-73	DIGITAL UNIT	E3	
90	1B	*	X48-3110-00	IF UNIT		
91	2B, 2C	*	X50-3190-00	PLL UNIT		
92	2B	*	X51-3120-00	FILTER UNIT	KMM2XF	
92	2B	*	X51-3122-71	FILTER UNIT	EE2E3	
93	1B, 2B	*	X57-4220-11	TX-RX UNIT		
FINAL UNIT (X45-3460-00)						
C2			CK73FB1E104K	CHIP C	0.10UF	K
C3			CK73FB1E103K	CHIP C	0.01UF	K
C4			CK73FB1H102K	CHIP C	1000PF	K
C5			CK73FB1E104K	CHIP C	0.10UF	K
C6			CC73FSL1H821J	CHIP C	820PF	J
C7			CK73FB1H102K	CHIP C	1000PF	K
C8			CK73FB1E104K	CHIP C	0.10UF	K
C9 , 10			CK73FB1E103K	CHIP C	0.01UF	K
C11			CK73FB1E104K	CHIP C	0.10UF	K
C12		*	C90-2193-05	ELECTRØ	39UF	25WV
C13			CC45SL2H221J	CERAMIC	220PF	J
C14			CK73FB1E103K	CHIP C	0.01UF	K
C15			CK73FB1E104K	CHIP C	0.10UF	K
C17			CK73FB1E103K	CHIP C	0.01UF	K
C18			CK73FB1H102K	CHIP C	1000PF	K
C19			CK73FB1E104K	CHIP C	0.10UF	K
C20			CE04EW1C100M	ELECTRØ	10UF	16WV
C23			CK73FB1E103K	CHIP C	0.01UF	K
C24			CK45E2H222P	CERAMIC	2200PF	P
C25 , 26			C91-1004-05	CHIP C	0.0068UF	J
C27		*	C90-2194-05	ELECTRØ	220UF	25WV
C28 , 29			CK73FB1E104K	CHIP C	0.10UF	K
C30			CK73FB1H102K	CHIP C	1000PF	K
C31			CE04EW1C100M	ELECTRØ	10UF	16WV
C32			CK73FB1E104K	CHIP C	0.10UF	K
C33			CE04EW1E471M	ELECTRØ	470UF	25WV
C34 , 35			CK73FB1E103K	CHIP C	0.01UF	K
C36			CK73FB1E104K	CHIP C	0.10UF	K
C37			CK73FB1E103K	CHIP C	0.01UF	K
C38			CC45SL2H151J	CERAMIC	150PF	J
C39		*	CM73F2H102J	CHIP C	1000PF	J
C40			CM73F2H561J	CHIP C	560PF	J
C42 , 43			CK73FB1E103K	CHIP C	0.01UF	K
C44			CM73F2H122J	CHIP C	1200PF	J
C45			CK73FB1H472K	CHIP C	4700PF	K
C46			CK73FB1H102K	CHIP C	1000PF	K
C47			CK73FB1E104K	CHIP C	0.10UF	K
C101			CK73FB1E104K	CHIP C	0.10UF	K
C102-105			CK73FB1E103K	CHIP C	0.01UF	K
C106-111			CK73FB1E104K	CHIP C	0.10UF	K
C112, 113			CK73FB1H102K	CHIP C	1000PF	K
C115, 116			CK73FB1H102K	CHIP C	1000PF	K
C118-121			CE04NW1E100M	ELECTRØ	10UF	25WV
C122			CE04EW1E102M	ELECTRØ	1000UF	25WV
C123			CK73FB1E103K	CHIP C	0.01UF	K
C124			CE04EW1E102M	ELECTRØ	1000UF	25WV

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 indicates safety critical components.

PARTS LIST

× New Parts

Parts without **Parts No.** are not supplied.

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Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
CN2			E04-0157-05	RF COAXIAL CABLE RECEPTACLE		
CN3 ,4			E40-3246-05	PIN CONNECTOR (2P)		
CN101		*	E40-5604-05	PIN CONNECTOR (11P)		
CN102			E40-3248-05	PIN CONNECTOR		
CN103,104			E40-3250-05	PIN CONNECTOR (6P)		
CN105			E40-3246-05	PIN CONNECTOR (2P)		
J1		*	E63-0401-05	PHONE JACK (RELAY)		
J2			E13-0166-05	PHONE JACK (EXT ALC)		
J101		*	E11-0451-05	PHONE JACK (EXT SP)		
J102		*	E11-0450-05	PHONE JACK (KEY)		
TP1 -4			E23-0512-05	TERMINAL		
W1	-	*	E37-0360-05	CONNECTING WIRE (6P to 2P4P)		
W2	-	*	E37-0361-05	CONNECTING WIRE (14V,14V)		
W3	2F	*	E37-0362-05	CONNECTING WIRE (DC CABLE)		
W4	2E	*	E37-0363-05	CONNECTING WIRE (EALC)		
W5	-	*	E37-0364-05	CONNECTING WIRE (PHONE,KEY)		
W6	2F	*	E37-0358-05	FLAT CABLE (to FILTER)		
W7	-	*	E37-0359-05	CONNECTING WIRE (DRV)		
W8	-		E31-3301-05	CONNECTING WIRE (P0)		
100	3E	*	F01-0994-02	HEAT SINK		
101	3E	*	F10-2052-04	SHIELDING PLATE (FAN)		
102	2E	*	F20-1120-04	INSULATING BOARD		
103	2E		F29-0014-05	INSULATOR (01)		
F101	-	*	F53-0093-05	FUSE		
M1	3E	*	F09-0438-05	FAN MOTOR		
104	2F		G02-0574-04	FLAT SPRING (IC101,102)		
L1			L40-1011-48	SMALL FIXED INDUCTOR (100UH)		
L2			L40-3392-48	SMALL FIXED INDUCTOR (3.3UH)		
L3		*	L39-0481-05	TOROIDAL COIL (PRI DRV)		
L4		*	L19-0342-15	BALUN TRANSFORMER (DRV)		
L5			L33-0699-05	CHOKER COIL		
L6			L33-0617-05	CHOKER COIL		
L7 -10			L33-0699-05	CHOKER COIL		
L11			L33-0651-05	CHOKER COIL		
L12			L33-0617-05	CHOKER COIL		
L13		*	L39-1209-25	TOROIDAL COIL		
L14		*	L39-0480-15	TOROIDAL COIL		
L15			L40-3392-48	SMALL FIXED INDUCTOR (3.3UH)		
L16			L40-3982-48	SMALL FIXED INDUCTOR (0.39UH)		
L17			L40-4791-14	SMALL FIXED INDUCTOR		
L101			L15-0016-05	LOW-FREQUENCY CHOKER COIL		
K	2E		N09-2187-05	SCREW (TRANSISTOR)		
L	3E		N35-3020-46	BINDING HEAD MACHINE SCREW		
M	2E, 3F		N87-3006-46	BRAZIER HEAD TAPTITE SCREW		
R2			R92-0670-05	CHIP R 0 0HM		
R4			RK73FB2A101J	CHIP R 100 J 1/10W		
R5			RK73FB2A681J	CHIP R 680 J 1/10W		
R6 ,7			RK73FB2A331J	CHIP R 330 J 1/10W		
R8 ,9			RK73FB2A6R8J	CHIP R 6.8 J 1/10W		
R10		*	R92-1242-05	CHIP R 6.8 J 1/4W		
R11		*	R92-1243-05	CHIP R 8.2 J 1/2W		
R12 ,13		*	R92-0696-05	CHIP R 33 J 1/4W		
R14 ,15		*	R92-1318-05	FIXED RESISTOR 100 1W		

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R16		*	R92-1221-05	FIXED RESISTOR 82		
R17 -20			RS14DB3A5R6J	FL-PROOF RS 5.6	J	1W
R21 ,22			RS14DB3A150J	FL-PROOF RS 15	J	1W
R23 ,24			RS14DB3A4R7J	FL-PROOF RS 4.7	J	1W
R25			RK73FB2A561J	CHIP R 560	J	1/10W
R26		*	R92-1317-05	FIXED RESISTOR 18		1W
R30			RK73FB2A333J	CHIP R 33K	J	1/10W
R31			RK73FB2A103J	CHIP R 10K	J	1/10W
R32			RK73FB2A474J	CHIP R 470K	J	1/10W
R33 ,34			RK73FB2A562J	CHIP R 5.6K	J	1/10W
R35			RK73FB2A681J	CHIP R 680	J	1/10W
R36			RK73FB2A332J	CHIP R 3.3K	J	1/10W
R37			RK73FB2A182J	CHIP R 1.8K	J	1/10W
R38			RK73FB2A562J	CHIP R 5.6K	J	1/10W
R39			RK73FB2A101J	CHIP R 100	J	1/10W
R40			RK73FB2A104J	CHIP R 100K	J	1/10W
R41			RK73FB2A562J	CHIP R 5.6K	J	1/10W
R42			RK73FB2A103J	CHIP R 10K	J	1/10W
R43			RK73FB2A562J	CHIP R 5.6K	J	1/10W
R44			RK73FB2A103J	CHIP R 10K	J	1/10W
R45			RK73FB2A333J	CHIP R 33K	J	1/10W
R47			RK73FB2A562J	CHIP R 5.6K	J	1/10W
R48			RK73FB2A472J	CHIP R 4.7K	J	1/10W
R50		*	R92-1316-05	FIXED RESISTOR 39		1W
R51		*	R92-1292-05	FIXED RESISTOR 68		1W
R52		*	R92-1240-05	FIXED RESISTOR 10		1/4W
R101			RK73FB2A472J	CHIP R 4.7K	J	1/10W
VR1			R12-0104-05	TRIM POT. 220		
VR2			R12-1085-05	TRIM POT. 2.2K		
K1			S51-1420-05	RELAY		
K101			S51-2423-05	RELAY		
D1			MA27T-B	DIODE		
D2			MA27-B	DIODE		
D3			LFB01	DIODE		
D4 ,5			MA27-B	DIODE		
D6			LFB01	DIODE		
D7			SG-5L(R)	DIODE		
D8			DAN202K	DIODE		
D102			LFB01	DIODE		
D103			RD18M(B1)	DIODE		
IC1			NJM2902M	IC(OP AMP X4)		
IC101			UPC7805H	IC(VOLTAGE REGULATOR/ +5V)		
IC102			UPC7808H	IC(VOLTAGE REGULATOR/ +8V)		
Q1	2E		2SC1971	TRANSISTOR		
Q2 ,3	2E		2SC3133	TRANSISTOR		
Q4	2E		2SC3421(Y)	TRANSISTOR		
Q5 ,6	2E		2SC2879(O,Y)	TRANSISTOR		
Q7			FMC1	TRANSISTOR		
Q8 -10			DTD114EK	DIGITAL TRANSISTOR		
Q11			DTC124TK	DIGITAL TRANSISTOR		
Q101			DTC143TK	DIGITAL TRANSISTOR		
Q102			DTC114EK	DIGITAL TRANSISTOR		
TH1			5TP41L	THERMISTOR		

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