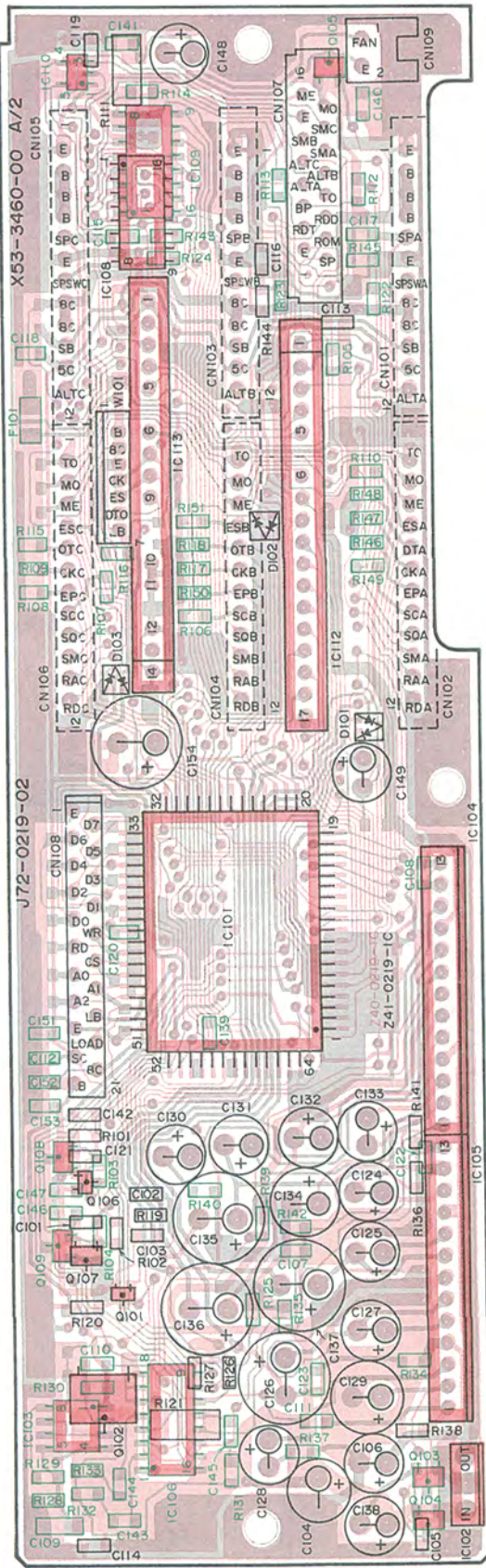
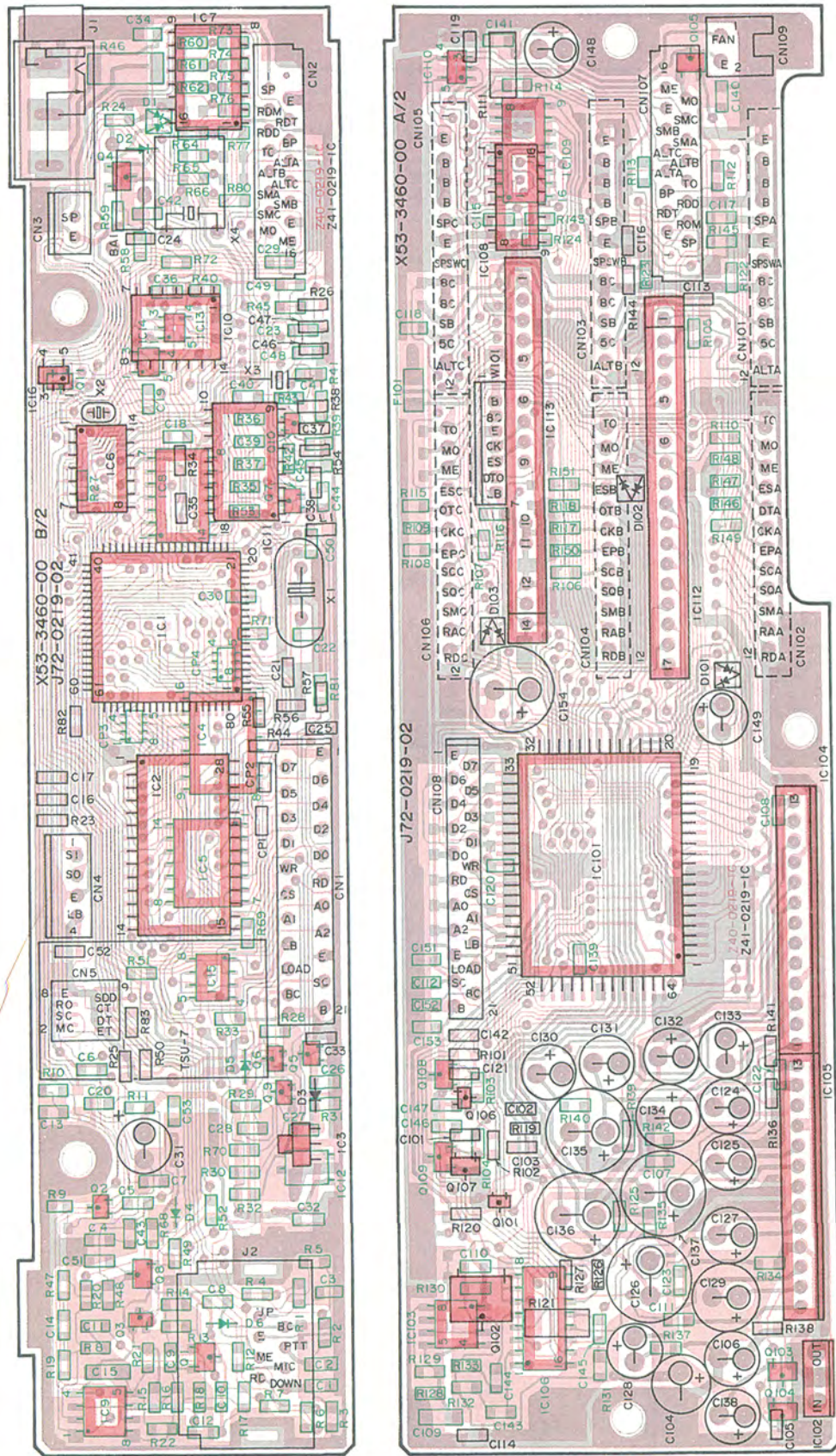


TM-742 A/742 E/942 A

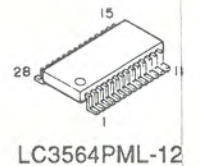
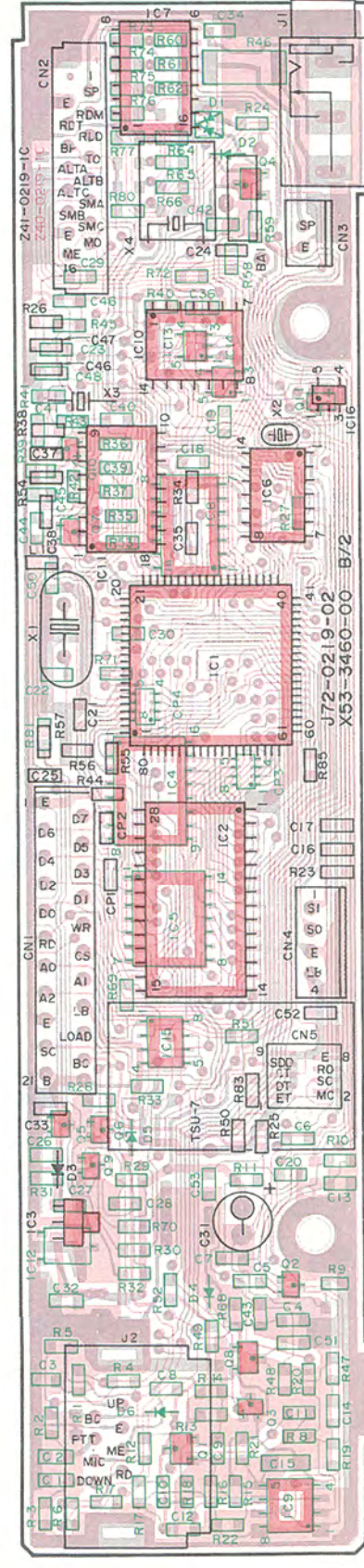
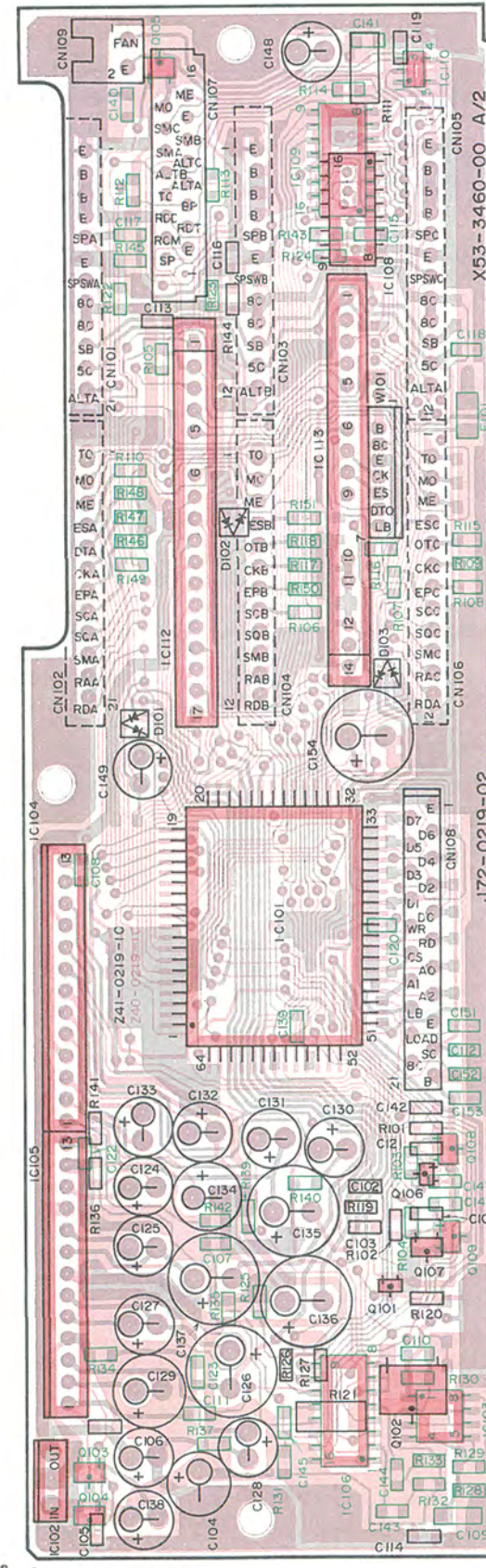
CONTROL UNIT (X53-346X-XX) 0-11: 742A (K, P), 0-21: 742A (M), 0-22: 742A (M2), 2-71: 742E (E, E3)

Component side view

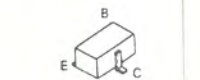


CONTROL UNIT (X53-346X-XX) 0-11: 742A (K, P), 0-21: 742A (M), 0-22: 742A (M2), 2-71: 742E (E, E3)

Foil side view



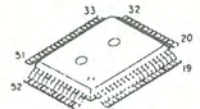
LC3564PML-12



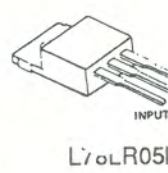
DTA144EK
DTC114EK
DTC114EU
DTD143EK
2SB815
2SC4116
2SD1757K



TC4S11F
TC4S66F



CXD1095Q

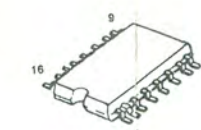


L7OLR05I

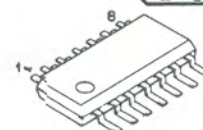
IC1:HD6404719A26H IC2:L78L05BFA IC3-6:203:206:TC4S11F IC201:202:MSM5265GS-V1K IC204:TC74HC73AF IC205:NUM78L05UA
Q1:2SA174S(6,7) Q2:2SB1119(S) Q3:101:DTIC114EU Q4:5:DTIC144EU
D1:MA112 D2:MA720 D3:4:B30-2025-05 D101:105:B30-2048-05 D107-112:114:B30-2053-05

IC1:HD6433388A04F IC2:LC3564PML12 IC3:TA78L06F IC4:TC74HC133AF IC5:S3520CF IC7:HD74HC165PF IC8:BU4066BF IC9:103:NUM4558E IC10:TC35219F IC11:LC7385M
IC12:PST7030MT IC13:14:TC4S11F IC15:TC4S66F IC16:110:TC4S66F IC104:105:LA4446 IC106:108:109:BU4053BF IC112:KCC06 IC113:KCX04 IC114:KC007
Q2:5:6:9:10:101:106:2SC4116(V) Q3:7:DTIC114EU Q4:2SB815(6,7) Q8:107-109:2SD1757K Q11:DTA144EU Q102:2SA1641(S,T) Q103:DTIC144EK Q104:DTA144EK Q105:DTD143EK
D1:DAN202U D2-4:6:MA112 D5:DT29.1A D101-103:DA204U

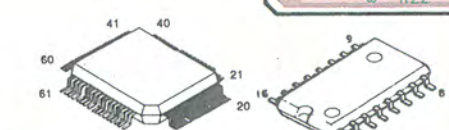
IC1:HD6433388A04F IC2:LC3564PML12 IC3:TA78L06F IC4:TC74HC133AF IC5:TC74HC00AF IC6:S3520CF IC7:HD74HC165PF IC8:BU4066BF IC9:103:NUM4558E IC10:TC35219F IC11:LC7385M
IC12:PST7030MT IC13:14:TC4S11F IC15:TC4S66F IC16:110:TC4S66F IC104:105:LA4446 IC106:108:109:BU4053BF IC112:KCC06 IC113:KCX04 IC114:KC007
Q2:5:6:9:10:101:106:2SC4116(V) Q3:7:DTIC114EU Q4:2SB815(6,7) Q8:107-109:2SD1757K Q11:DTA144EU Q102:2SA1641(S,T) Q103:DTIC144EK Q104:DTA144EK Q105:DTD143EK
D1:DAN202U D2-4:6:MA112 D5:DT29.1A D101-103:DA204U



TC74HC133AF



BU4066BF
S-3520CF



HD6433388A03F
HD74HC165PF

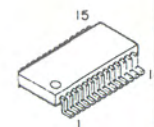
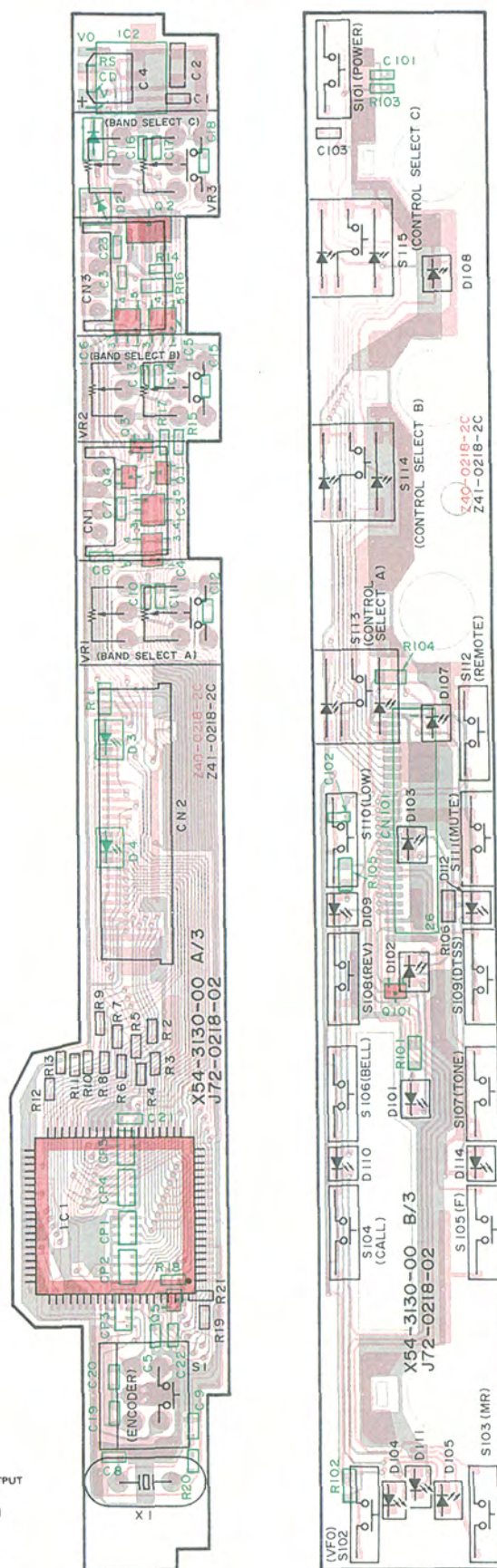
A pattern B pattern

TC35219F

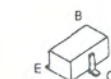
C BOARD VIEW

DISPLAY UNIT (X54-3130-11) 742A: (K, P, M, M2) 742E: (E, E2, E3) 942A: (K, P, M)

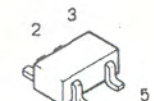
Component side view



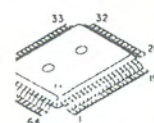
3564PML-12



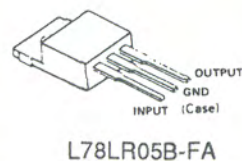
DTA144EK
DTC114EK
DTC114EU
DTD143EK
2SB815
2SC4116
2SD1757K



TC4S11F
TC4S66F



CXD1095Q



L78LR05B-FA

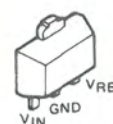
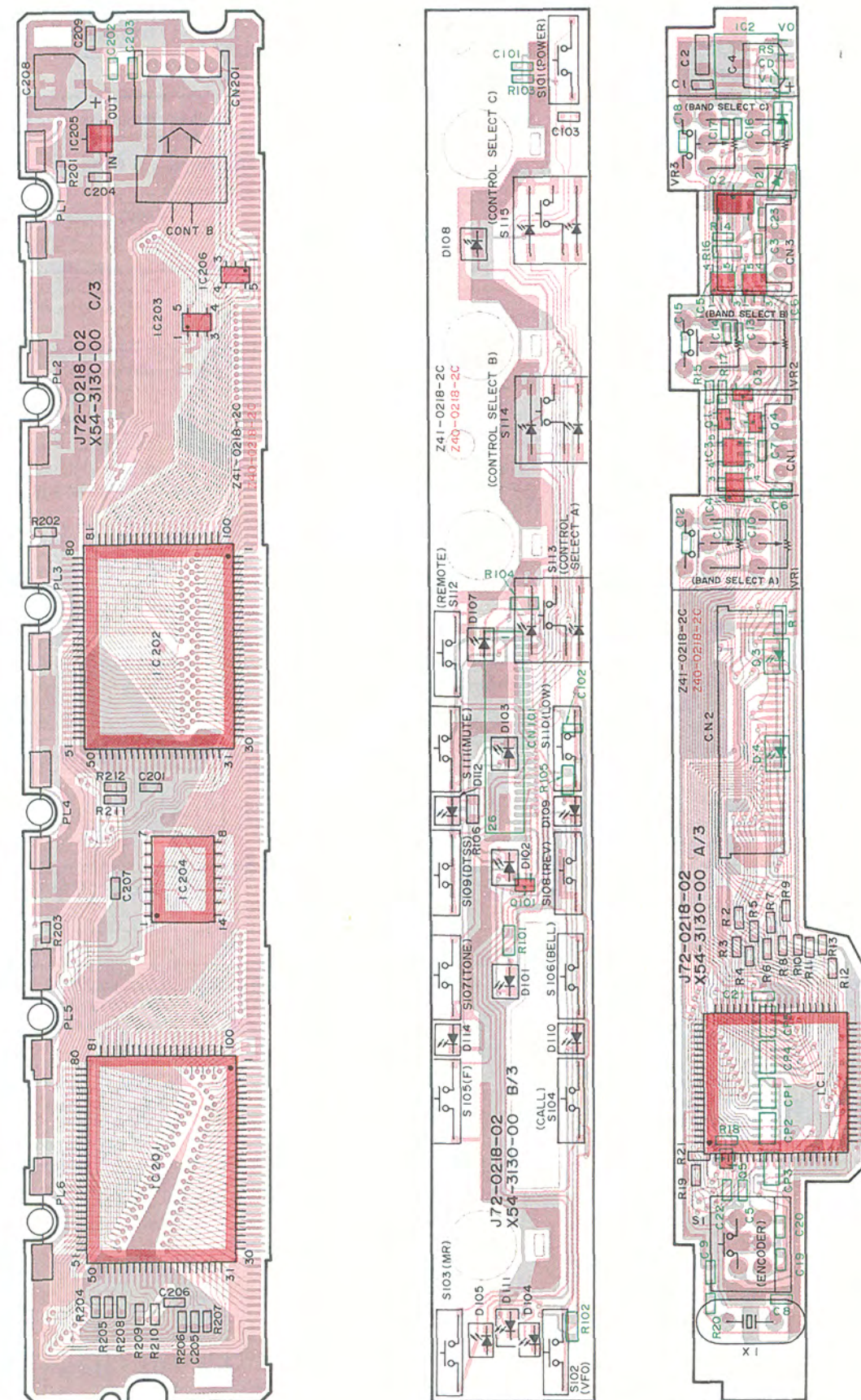
A pattern B pattern



DTA144EU
DTC114EU

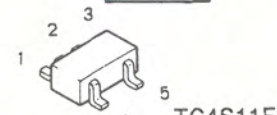
DISPLAY UNIT (X54-3130-11) 742A: (K, P, M, M2) 742E: (E, E2, E3) 942A: (K, P, M)

Foil side view



NJM78L05UA

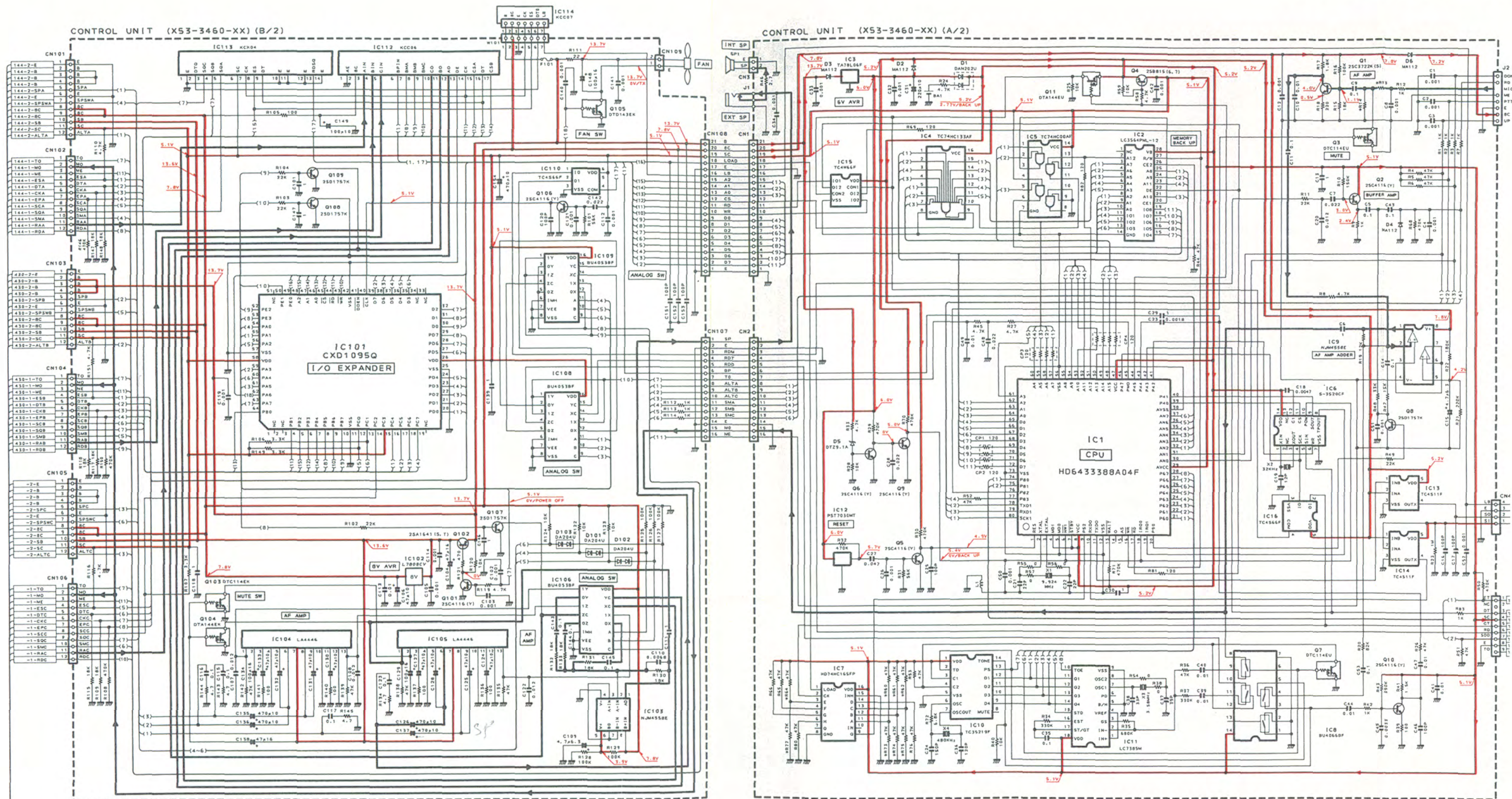
A pattern B pattern



TC4S11F

Signal line Control line — Common DC line

SCHEMATIC DIAGRAM



X53- B/2

IC101	CXD1095Q	Q101	2SC4116 (Y)
IC102	L7808CV	Q102	2SA1641 (S, T)
IC103	NJM4558E	Q103	DTA144EK
IC104, 105	LA4446	Q104	DTA144EK
IC106, 108, 109	BU4053BF	Q105	DTA144EK
IC110	TC4566F	Q106	2SC4116 (Y)
IC112	KCC06	Q107, 108, 109	2SD1757K
IC113	KCC04		
IC114	KCC07	D101-103	DA204U

X53-346X-XX

TYPE	ABB	UNIT	R13	R14	R60	R61	R62	R64	R73	R74	R75	R77
TM-742A, 942A	K, P	0-11	3.3K	3.3K	X	X	X	O	O	O	O	X
TM-742A, 942A	M	0-21	3.3K	3.3K	X	X	X	O	O	X	O	X
TM-742A	M2	0-22	3.3K	3.3K	O	O	X	O	X	X	O	X
TM-742E	E	2-71	560	8.2K	X	X	O	O	O	O	X	X
TM-742E	E2	2-72	560	8.2K	O	X	O	X	X	O	X	O

O: USED X: NOT USED

X53- A/2

IC1	HD6433388A04F	IC8	BU4066BF	Q1	2SC3722K (S)	D1	DAN202U
IC2	LC3564PML-12	IC9	NJM4558E	Q2, 5, 6, 9, 10	2SC4116 (Y)	D2, 3, 4, 6	MA112
IC3	TA78L06F	IC10	TC55219F	Q3, 7	DTA144E	D5	DT29.1A
IC4	TC74HC133AP	IC11	LC7385M	Q4	258B15 (6, 7)		
IC5	TC74HC00AF	IC12	PS77030MT	Q8	2SD1757K		
IC6	S-3520CF	IC13, 14	TC4511F	Q11	DTA144E		
IC7	HD74HC165PF	IC15	TC4566F				
		IC16	TC4566F				

SCHEMATIC DIAGRAM

