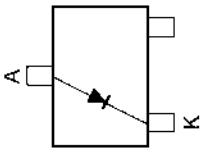
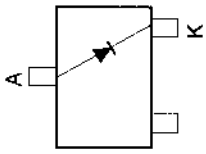
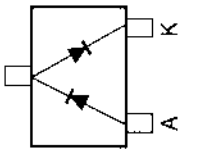
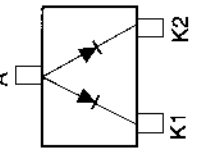
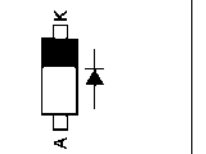
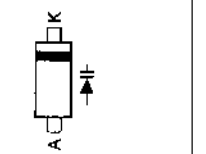
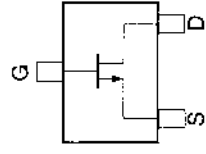
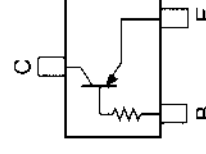
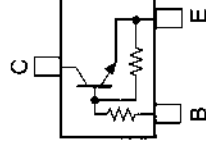
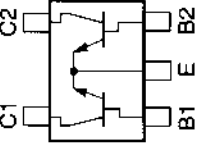
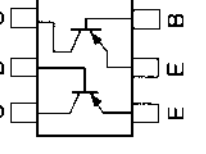
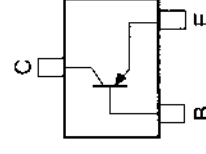
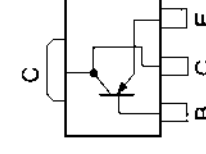
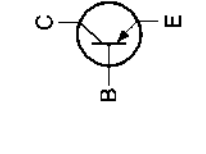
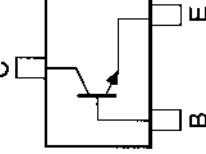
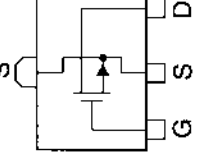
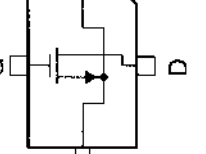


T2(A) + T2H¹

MA6S121	MA77	SB07-03C-TB	M2D	4B	J
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DA112	AZ		EUR
DA113W	AY		ITA
DA204U	P		
DAP202U	P		
HVU131TRF	P1		
HVU350TRF	4		

2SK880 - Y	XY		
DTA114TU DTC144TU DTC144EU	94 06 26		
UN521D	8M		
XP1501 - AB	5R		
XP6401	5O		

					
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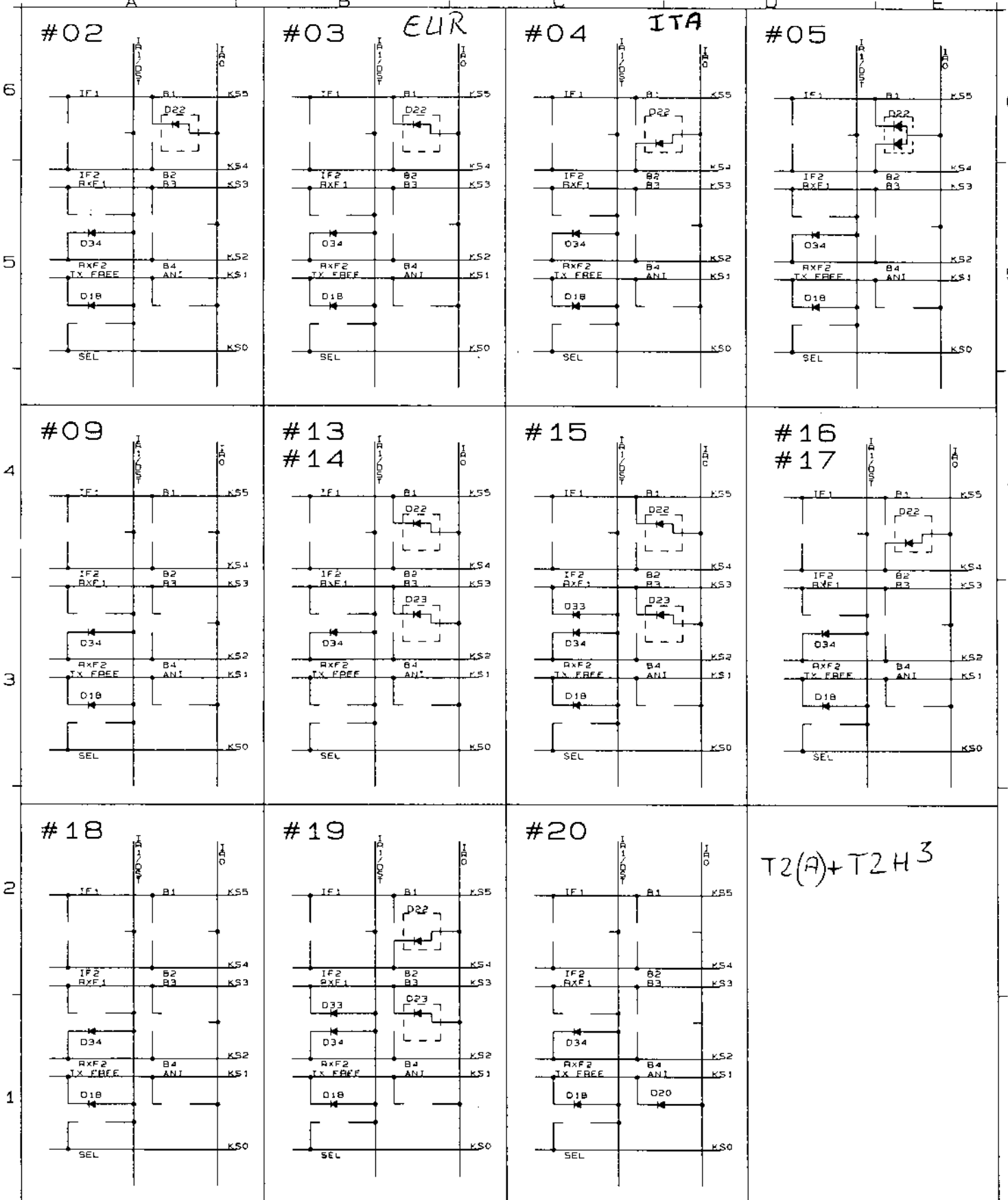
SECTION 6 PARTS LIST

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
IC1	1130007610	S.IC	μPD3140GS-E1 (DS8)
IC2	1110003490	S.IC	TA31136FN (D/EL)
IC3	1110003780	S.IC	NJM2902V-TE1
IC4	1130008090	S.IC	BU4066BCFV-E1
IC5	1110001810	S.IC	TA7368F (TP1)
IC6	1180001080	S.IC	S-81250PG-PD-T1
IC7	1140006050	S.IC	X25040SI-2.7T6
IC8	1140006470	S.IC	HD6433875A41H [THA] only
	1140006560	S.IC	HD6433875A45H other
IC9	1130007560	S.IC	LC73881M-TLM [ANI] only
IC10	1130004170	S.IC	TC4S01F (TE85R) [ANI] only
IC11	1110003500	S.IC	S-80742SL-A6-T1
Q1	1560001060	S.FET	2SK3075 (TE12L)
Q2	1560001100	S.FET	2SK3074 (TE12L)
Q3	1530000371	S.TRANSISTOR	2SC3356 R25-T2B
Q4	1530002560	S.TRANSISTOR	2SC4403-3-TL
Q5	1530002920	S.TRANSISTOR	2SC4226-T2 R25
Q9	1590002160	S.TRANSISTOR	XP6401-(TX)
Q12	1560000800	S.FET	2SK360IG-TR (D/E)
Q13	1560000800	S.FET	2SK360IG-TR (D/E)
Q14	1530002600	S.TRANSISTOR	2SC4215-O (TE85R)
Q15	1520000650	S.TRANSISTOR	2SB1201-S-TL
Q16	1590001190	S.TRANSISTOR	XP6501-(TX).AB
Q17	1520000430	S.TRANSISTOR	2SB1462-R(TX)
Q18	1520000650	S.TRANSISTOR	2SB1201-S-TL
Q19	1590001190	S.TRANSISTOR	XP6501-(TX).AB
Q20	1510000670	S.TRANSISTOR	2SA1588-GR (TE85R)
Q21	1510000670	S.TRANSISTOR	2SA1588-GR (TE85R)
Q22	1520000460	S.TRANSISTOR	2SB1132 T100 R
Q23	1530002280	S.TRANSISTOR	2SC4081 T107 S
Q25	1530002280	S.TRANSISTOR	2SC4081 T107 S
Q27	1520000460	S.TRANSISTOR	2SB1132 T100 R
Q28	1530002280	S.TRANSISTOR	2SC4081 T107 S
Q29	1530002920	S.TRANSISTOR	2SC4226-T2 R25
Q31	1590000660	S.TRANSISTOR	DTC144TU T107
Q32	1590001070	S.TRANSISTOR	UN521D (TX)
Q33	1530002280	S.TRANSISTOR	2SC4081 T107 S
Q34	1560000540	S.FET	2SK880-Y (TE85R)
Q35	1530002280	S.TRANSISTOR	2SC4081 T107 S
Q36	1530002280	S.TRANSISTOR	2SC4081 T107 S
Q37	1590000720	S.TRANSISTOR	DTA144EUA T106
Q39	1590001060	S.TRANSISTOR	DTA114TUA T106 [ANI] only
Q40	1590001170	S.TRANSISTOR	XP1501-(TX).AB
D1	1790000620	S.DIODE	MA77 (TX)
D3	1790000620	S.DIODE	MA77 (TX)
D4	1790000620	S.DIODE	MA77 (TX)
D8	1710000870	S.DIODE	HVU131TRF
D10	1720000370	S.VARICAP	HVU350TRF
D11	1720000370	S.VARICAP	HVU350TRF
D12	1720000370	S.VARICAP	HVU350TRF
D14	1790001260	S.DIODE	MA2S077-(TX)
D15	1790001280	S.DIODE	MA111 (TX)
D16	1790001200	S.DIODE	MA6S121 (TX)
D17	1790001200	S.DIODE	MA6S121 (TX)
D18	1790001280	S.DIODE	MA111 (TX) except [THA]
D20	1790001280	S.DIODE	MA111 (TX) [ANI] only
D22	1160000050	S.DIODE	DAP202U T107 [USA]
	1750000220	S.DIODE	DA113W T107 [ITA], [CSA/CSA-1], [TWN]
	1750000240	S.DIODE	DA112 T107 [EUR], [UK], [THA]
D23	1750000240	S.DIODE	DA112 T107 [THA], [TWN]
D24	1750000130	S.DIODE	DA204U T107
D25	1790000670	S.DIODE	SB07-03C-TB
D27	1750000130	S.DIODE	DA204U T107
D31	1790001280	S.DIODE	MA111(TX) [ANI] only
D32	1710000870	S.DIODE	HVU131TRF
D33	1790001280	S.DIODE	MA111(TX) [TWN] only
D34	1790001280	S.DIODE	MA111(TX)
FI1	2020001300	XTAL	FL-251 (30.850 MHz)
FI2	2020001270	CERAMIC	CFWM450E

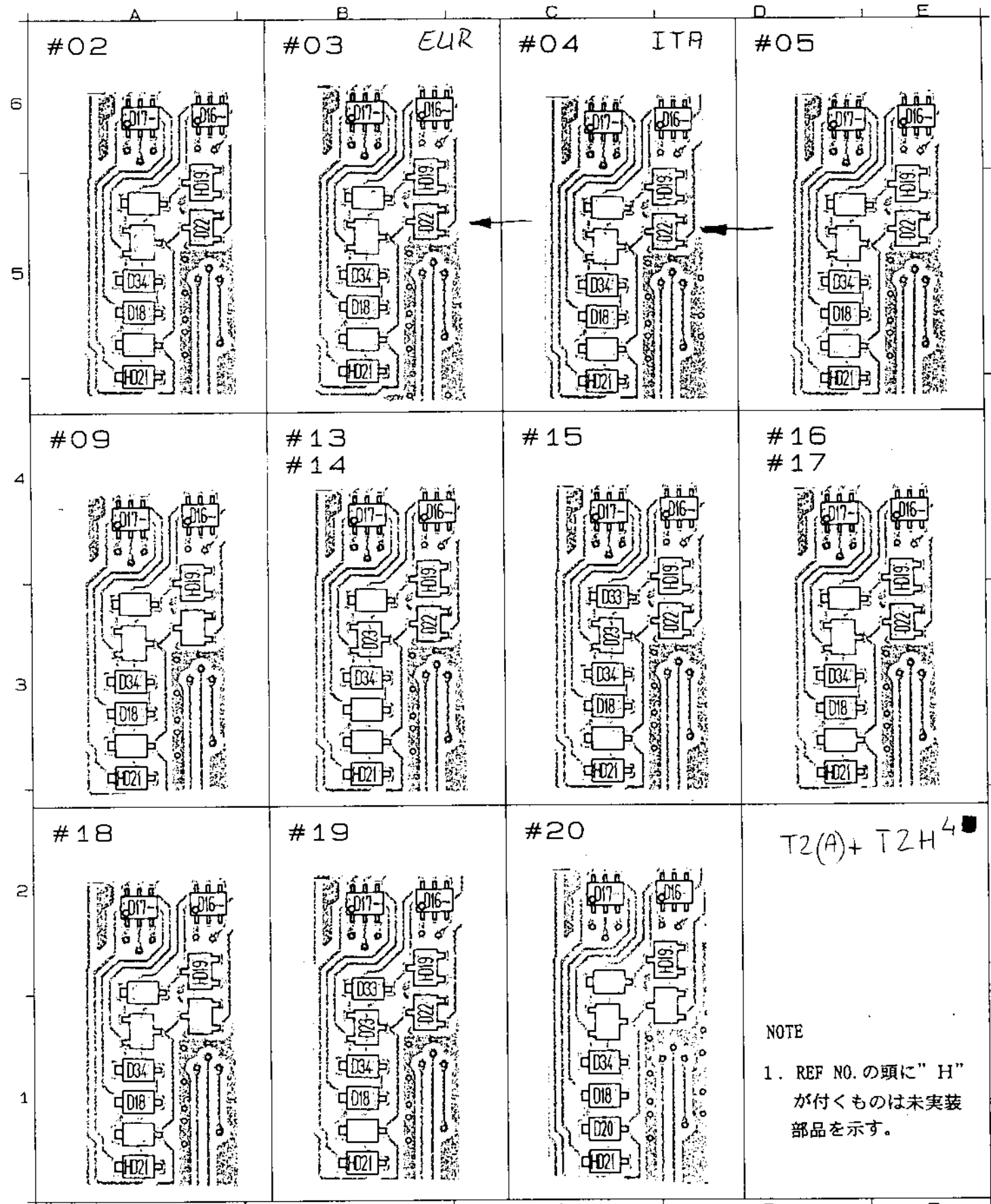
[MAIN UNIT]

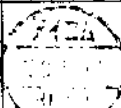

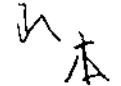
REF NO.	ORDER NO.	DESCRIPTION	
X1	6050009420	XTAL	CR-514 (15.200000 MHz)
X2	6050010110	S.XTAL	CR-584 (6.79966 MHz)
X3	6050009020	S.CERAMIC	EFOS4194E3 [ANI] only
X4	6070000210	S.DISCRIMINATOR	CDBCA450CX24
L1	6200008260	S.COIL	0.30-1.7-8TL 60N
L2	6200008260	S.COIL	0.30-1.7-8TL 60N
L3	6200008260	S.COIL	0.30-1.7-8TL 60N
L4	6200008710	S.COIL	0.28-1.1-4TR 14.3N
L5	6200008480	S.COIL	0.30-1.4-5TR 25N
L6	6200002820	S.COIL	LQN 1A 47NJ04
L7	6200006990	S.COIL	ELJRE 56NG-F
L8	6200006990	S.COIL	ELJRE 56NG-F
L10	6200003640	S.COIL	MLF1608K 100K-T
L13	6200002930	S.COIL	ELJFC 1R5K-F
L14	6200007000	S.COIL	ELJRE 82NG-F
L15	6200008260	S.COIL	0.30-1.7-8TL 60N
L16	6200008500	S.COIL	0.30-1.3-6TL 28N
L17	6200005700	S.COIL	ELJRE 22NG-F
L18	6150004960	S.COIL	LS-523
L19	6150004960	S.COIL	LS-523
L20	6200004950	S.COIL	NL 252018T-1R8J
L21	6200003550	S.COIL	MLF1608A 4R7K-T
L22	6200002710	S.COIL	ELJFC 1R8K-F
L24	6200004480	S.COIL	MLF1608D R82K-T
L25	6200002930	S.COIL	ELJFC 1R5K-F
L26	6200006990	S.COIL	ELJRE 56NG-F
L30	6200006990	S.COIL	ELJRE 56NG-F
L31	6200005730	S.COIL	ELJRE 39NG-F
L32	6200006990	S.COIL	ELJRE 56NG-F
L33	6200005720	S.COIL	ELJRE 33NG-F
L34	6200003640	S.COIL	MLF1608K 100K-T
L35	6200006980	S.COIL	ELJRE R10G-F [EUR], [UK], [ITA], [USA]
R2	7030005320	S.RESISTOR	RR0816P-103-D (10 kΩ)
R3	7030005390	S.RESISTOR	RR0816P-102-D (1 kΩ)
R5	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R7	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R9	7030003290	S.RESISTOR	ERJ3GEYJ 560 V (56 Ω)
R10	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R11	7030003460	S.RESISTOR	ERJ3GEYJ 152 V (1.5 kΩ)
R12	7030003490	S.RESISTOR	ERJ3GEYJ 272 V (2.7 kΩ)
R13	7030003270	S.RESISTOR	ERJ3GEYJ 390 V (39 Ω)
R15	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R16	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R18	7030003590	S.RESISTOR	ERJ3GEYJ 183 V (18 kΩ)
R20	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R21	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R30	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R32	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R33	7030003460	S.RESISTOR	ERJ3GEYJ 152 V (1.5 kΩ)
R34	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R45	7030003340	S.RESISTOR	ERJ3GEYJ 151 V (150 Ω)
R46	7030003290	S.RESISTOR	ERJ3GEYJ 560 V (56 Ω)
R47	7030003330	S.RESISTOR	ERJ3GEYJ 121 V (120 Ω)
R48	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R49	7030003660	S.RESISTOR	ERJ3GEYJ 683 V (68 kΩ)
R52	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R53	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R54	7030008050	S.RESISTOR	RR0816R-184-D (180 kΩ)
R55	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R58	7030003240	S.RESISTOR	ERJ3GEYJ 220 V (22 Ω)
R59	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R61	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R62	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R64	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R66	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R68	7030003300	S.RESISTOR	ERJ3GEYJ 680 V (68 Ω) [SEA], [THA], [CSA/CSA-1], [TWN], [ANI]
R69	7030003410	S.RESISTOR	ERJ3GEYJ 561 V (560 Ω) [SEA], [THA], [CSA/CSA-1], [TWN], [ANI]
	7030003460	S.RESISTOR	ERJ3GEYJ 152 V (1.5 kΩ) [EUR], [UK], [ITA], [USA]



REVISIONS	1						
	2						
	3						
	4						
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	6						
	7						
	8						

DATE 98-5-9 MODEL FX-2191
 INITIAL-MATRIX SCHEMATIC DIAGRAM
 DWN. NO. A4-6C2
 APPD. CHKD. DWN. BY:
 (Stamps: 98.5.11, 山本)



A	B	C	D	E
1			DATE 98-5-11	MODEL FX-2191
2			INITIAL-MATRIX	
3			BOARD	
4			LAYOUT	DWN. NO. A4-6F3
5		APPD.	CHKD.	DWN. BY.
6				
7		98.5.11	98.5.11	
8		島屋	山本	
REVISIONS		ICOM		Icom Inc.