

IC-F3021T/F3021S ANT PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY
L801	S.COIL	0.30-1.4-6TL 32N	UCHIDA	1
L802	S.COIL	0.30-1.7-7TL 50N	UCHIDA	1
R801	S.RESISTOR	82K ERJ2GE	MACO	1
C801	S.CERAMIC	0.001 ECJ10 B	MACO	1
C802	S.CERAMIC	5P ECJ10 CH B	MACO	1
C803	S.CERAMIC	24P ECJ10 CH	MACO	1
C807	S.CERAMIC	10P ECJ10 CH	MACO	1
EP801	PCB	B-6450A	MURAKAMI	1
MP801	S.PLATE	2927 ANT PLATE	YASAKA	1

IC-F3021T/F3021S CONNECT PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY
L901	S.COIL	BLM21P300S	MURATA	1
C901	S.CERAMIC	0.001 ECJ10 B	MACO	1
C902	S.CERAMIC	47P ECJ10 CH	MACO	1
J901	CONNECTOR	9230B-1-02Z141-PT1	IRISO	1
EP901	PCB	B-6451A	MURAKAMI	1

IC-F3021T/F3021S DSPunit PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY
IC1	S.REG	TK11250CM G	TOKO	1
IC2	S.REG	XC6204B332M	TOREX	1
IC3	S.IC	TB7100F	TOSHIBA	1
IC4	S.REG	XC6204B332M	TOREX	1
IC7	S.IC	NJM2711F	JRC	1
IC8	S.IC	NJM2115V	JRC	1
IC9	S.IC	TC7S66FU F	TOSHIBA	1
IC10	S.IC	TMS320VC5507ZHH	TI	1
IC11	S.IC	TC7S04FU F	TOSHIBA	1
IC12	S.IC	TC7S32FU F	TOSHIBA	1
IC13	S.IC	AD7476ARTZ-REEL	ANALOG	1
IC16	S.IC	AK4554VT	ASAHIKASEI M.S	1
IC17	S.IC	NJM2711F	JRC	1
IC20	S.IC	AT25F1024A-8S1	ATMEL	1
IC22	S.IC	TC7S04FU F	TOSHIBA	1
IC23	S.IC	TC7WBD125AFK	TOSHIBA	1
IC24	S.IC	TC7WBD125AFK	TOSHIBA	1
IC26	S.IC	HD74LV2GT125A	RENESAS	1
Q1	S.TRANSISTOR	XP4313	MEC	1
Q2	S.TRANSISTOR	UNR9113J	MEC	1
D1	S.DIODE	CUS02	TOSHIBA	1
D2	S.DIODE	MA2S728	MEC	1
D3	S.DIODE	MA2S728	MEC	1
D4	S.DIODE	MA2S728	MEC	1
D5	S.DIODE	MA2S728	MEC	1
FI1	S.CERAMIC	CFXCE450KCFA-R1	MURATA	1
X1	S.XTAL	CR-817	DAISHINKU	1
L1	S.COIL	ELJFC 1R0K 1U	MACO	1
L2	S.COIL	CDRH2D18/HP 15U	SUMIDA	1
L3	S.COIL	ELJFC 4R7K 4.7U	MACO	1
L4	S.COIL	ELJFC 1R0K 1U	MACO	1
R1	S.RESISTOR	100 ERJ2GE	MACO	1
R2	S.RESISTOR	47K ERJ2GE	MACO	1
R3	S.RESISTOR	100 ERJ2GE	MACO	1
R4	S.RESISTOR	100 ERJ2GE	MACO	1
R5	S.RESISTOR	100 ERJ2GE	MACO	1
R9	S.RESISTOR	6.8K ERJ2GE	MACO	1
R10	S.RESISTOR	5.6K ERJ2GE	MACO	1
R11	S.RESISTOR	100 ERJ2GE	MACO	1
R12	S.RESISTOR	1.5K ERJ2GE	MACO	1
R13	S.RESISTOR	100 ERJ2GE	MACO	1
R14	S.RESISTOR	1.8K ERJ2GE	MACO	1
R15	S.RESISTOR	47 ERJ2GE	MACO	1
R16	S.RESISTOR	1.5K ERJ2GE	MACO	1
R18	S.RESISTOR	47K ERJ2GE	MACO	1
R19	S.RESISTOR	47K ERJ2GE	MACO	1
R20	S.RESISTOR	47K ERJ2GE	MACO	1
R22	S.RESISTOR	100 ERJ2GE	MACO	1

IC-F3021T/F3021S DSPunit PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY
R23	S.RESISTOR	100 ERJ2GE	MACO	1
R24	S.RESISTOR	100 ERJ2GE	MACO	1
R25	S.RESISTOR	100 ERJ2GE	MACO	1
R26	S.RESISTOR	100 ERJ2GE	MACO	1
R27	S.RESISTOR	3.3K ERJ2GE	MACO	1
R28	S.RESISTOR	5.6K ERJ2GE	MACO	1
R32	S.RESISTOR	5.6K ERJ2GE	MACO	1
R33	S.RESISTOR	27K ERJ2GE	MACO	1
R34	S.RESISTOR	4.7K ERJ2GE	MACO	1
R35	S.RESISTOR	100K ERJ2GE	MACO	1
R36	S.RESISTOR	20K ERJ2GE	MACO	1
R37	S.RESISTOR	20K ERJ2GE	MACO	1
R38	S.RESISTOR	20K ERJ2GE	MACO	1
R39	S.RESISTOR	100 ERJ2GE	MACO	1
R41	S.RESISTOR	47 ERJ2GE	MACO	1
R42	S.RESISTOR	47K ERJ2GE	MACO	1
R43	S.RESISTOR	47 ERJ2GE	MACO	1
R44	S.RESISTOR	47K ERJ2GE	MACO	1
R45	S.RESISTOR	47K ERJ2GE	MACO	1
R46	S.RESISTOR	100 ERJ2GE	MACO	1
R47	S.RESISTOR	2.2K ERJ2GE	MACO	1
R48	S.RESISTOR	47K ERJ2GE	MACO	1
R49	S.RESISTOR	47K ERJ2GE	MACO	1
R50	S.RESISTOR	ERJ2GE - JPW	MACO	1
R51	S.RESISTOR	1K ERJ2GE	MACO	1
R52	S.RESISTOR	120K ERJ2GE	MACO	1
R53	S.RESISTOR	27K RR0510	SUSUMU	1
R54	S.RESISTOR	39K RR0510	SUSUMU	1
R55	S.RESISTOR	ERJ2GE - JPW	MACO	1
R56	S.RESISTOR	470K ERJ2GE	MACO	1
R62	S.RESISTOR	22 ERJ2GE	MACO	1
R63	S.RESISTOR	8.2K ERJ2GE	MACO	1
R64	S.RESISTOR	8.2K ERJ2GE	MACO	1
R69	S.RESISTOR	2.2K ERJ2GE	MACO	1
R70	S.RESISTOR	100 ERJ2GE	MACO	1
R72	S.RESISTOR	47K ERJ2GE	MACO	1
R81	S.RESISTOR	4.7K ERJ2GE	MACO	1
R82	S.RESISTOR	4.7K ERJ2GE	MACO	1
R83	S.RESISTOR	4.7K ERJ2GE	MACO	1
R84	S.RESISTOR	10K ERJ2GE	MACO	1
R85	S.RESISTOR	47K ERJ2GE	MACO	1
R86	S.RESISTOR	47K ERJ2GE	MACO	1
R87	S.RESISTOR	47K ERJ2GE	MACO	1
R91	S.RESISTOR	10K ERJ2GE	MACO	1
R92	S.RESISTOR	10K ERJ2GE	MACO	1
R93	S.RESISTOR	47K ERJ2GE	MACO	1
R94	S.RESISTOR	47K ERJ2GE	MACO	1
R95	S.RESISTOR	47K ERJ2GE	MACO	1

IC-F3021T/F3021S DSPunit PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY
R96	S.RESISTOR	10K ERJ2GE	MACO	1
R97	S.RESISTOR	10K ERJ2GE	MACO	1
C1	S.CERAMIC	4.7 C2012 10V B	TDK	1
C2	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C3	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C4	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C5	S.TANTALUM	4.7 10V SVSP	NEC	1
C6	S.CERAMIC	1 ECJ10 6.3V B	MACO	1
C7	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C9	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C10	S.TANTALUM	10 6.3V SVSP	NEC	1
C11	S.TANTALUM	4.7 10V SVSP	NEC	1
C12	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C13	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C14	S.TANTALUM	10 6.3V SVSP	NEC	1
C21	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C22	S.CERAMIC	4.7 C1608 6.3V B	TDK	1
C23	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C24	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C25	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C26	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C27	S.CERAMIC	7P ECJ10 CH	MACO	1
C28	S.CERAMIC	470P ECJ10 B	MACO	1
C31	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C32	S.CERAMIC	0.001 ECJ10 B	MACO	1
C33	S.CERAMIC	0.01 ECJ10 16V B	MACO	1
C34	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C35	S.CERAMIC	0.001 ECJ10 B	MACO	1
C36	S.CERAMIC	270P ECJ10 25V B	MACO	1
C37	S.CERAMIC	0.0012 ECJ10 B	MACO	1
C40	S.CERAMIC	47P ECJ10 CH	MACO	1
C41	S.CERAMIC	47P ECJ10 CH	MACO	1
C42	S.CERAMIC	47P ECJ10 CH	MACO	1
C43	S.CERAMIC	47P ECJ10 CH	MACO	1
C44	S.CERAMIC	47P ECJ10 CH	MACO	1
C45	S.CERAMIC	47P ECJ10 CH	MACO	1
C46	S.CERAMIC	47P ECJ10 CH	MACO	1
C47	S.CERAMIC	47P ECJ10 CH	MACO	1
C48	S.CERAMIC	47P ECJ10 CH	MACO	1
C51	S.TANTALUM	10 6.3V SVSP	NEC	1
C52	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C53	S.CERAMIC	0.0033 ECJ10 B	MACO	1
C54	S.TANTALUM	47 4V MSVA	NEC	1
C55	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C56	S.TANTALUM	47 4V MSVA	NEC	1
C57	S.CERAMIC	0.01 ECJ10 16V B	MACO	1
C61	S.CERAMIC	0.01 ECJ10 16V B	MACO	1
C62	S.CERAMIC	0.001 ECJ10 B	MACO	1

IC-F3021T/F3021S DSPunit PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY
C63	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C64	S.CERAMIC	100P ECJ10 CH	MACO	1
C65	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C66	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C67	S.CERAMIC	5P ECJ10 CH B	MACO	1
C68	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C71	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C72	S.CERAMIC	0.001 ECJ10 B	MACO	1
C73	S.CERAMIC	4.7 C1608 6.3V B	TDK	1
C74	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C82	S.CERAMIC	1 ECJ10 6.3V B	MACO	1
C83	S.CERAMIC	0.001 ECJ10 B	MACO	1
C84	S.CERAMIC	1 ECJ10 6.3V B	MACO	1
C85	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C86	S.CERAMIC	1 ECJ10 6.3V B	MACO	1
C87	S.CERAMIC	0.047 ECJ10 10V B	MACO	1
C88	S.CERAMIC	0.047 ECJ10 10V B	MACO	1
C89	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C90	S.CERAMIC	1 ECJ10 6.3V B	MACO	1
C91	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C92	S.CERAMIC	4.7 C1608 6.3V B	TDK	1
C100	S.CERAMIC	0.01 ECJ10 16V B	MACO	1
C101	S.CERAMIC	4.7 C1608 6.3V B	TDK	1
C102	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C103	S.CERAMIC	0.01 ECJ10 16V B	MACO	1
C104	S.CERAMIC	1 ECJ10 6.3V B	MACO	1
C105	S.CERAMIC	0.01 ECJ10 16V B	MACO	1
C106	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C107	S.CERAMIC	0.01 ECJ10 16V B	MACO	1
C108	S.CERAMIC	0.01 ECJ10 16V B	MACO	1
C109	S.CERAMIC	1 ECJ10 6.3V B	MACO	1
C110	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C111	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C112	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C113	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
J1	S.CONNECTOR	AXK640345J	MATUSITA DENKO	1
EP1	PCB	B-6398C	MURAKAMI	1
EP2	BEAD	MMZ1005S601CT	TDK	1
EP3	BEAD	MMZ1005S601CT	TDK	1
EP4	BEAD	MMZ1005S601CT	TDK	1
MP1	SPONGE	2887 SPONGE	NIKKENSYA	1

IC-F3021T/F3021S MAIN PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY	note
IC2	S.IC	MB15A02PFV1-G-BND-ERE1	FUJITSU	1	
IC3	S.IC	CD4066BPWR	TI	1	
IC5	S.IC	NJM13403V	JRC	1	
IC6	S.IC	LM2902PWR	TI	1	
IC7	S.IC	NJM12902V	JRC	1	
IC8	S.IC	BD5242G	ROHM	1	
IC9	S.IC	TA31136FNG	TOSHIBA	1	
IC10	S.IC	HN58X2464TI	RENESAS	1	
IC12	S.IC	M62364FP	RENESAS	1	
IC15	S.IC	TA7368FG	TOSHIBA	1	
IC17	S.IC	NJM2870	JRC	1	
IC20	S.IC	LC75834W	SANYO	1	
IC22	S.IC	HD64F2238BTF13V(EMPTY)	RENESAS	1	
IC23	S.IC	M62334FP	RENESAS	1	
IC24	S.IC	AN6123MS	MEC	1	digital only
IC25	S.IC	TC7W53FK F	TOSHIBA	1	digital only
Q5	S.FET	3SK293 F	TOSHIBA	1	
Q6	S.FET	3SK324	RENESAS	1	
Q7	S.TRANSISTOR	2SC5107 0 F	TOSHIBA	1	
Q8	S.TRANSISTOR	2SC4215 0 F	TOSHIBA	1	digital only
Q9	S.TRANSISTOR	DTA114EU	ROHM	1	digital only
Q14	S.TRANSISTOR	2SC5700	RENESAS	1	
Q15	S.TRANSISTOR	2SC5006	NEC	1	
Q16	S.TRANSISTOR	2SC5006	NEC	1	
Q17	S.TRANSISTOR	2SC5006	NEC	1	
Q18	S.TRANSISTOR	XP1214	MATSUSHITA	1	
Q19	S.TRANSISTOR	UNR9213J	MEC	1	
Q20	S.TRANSISTOR	2SC4116 BL F	TOSHIBA	1	
Q21	S.FET	2SK880 Y F	TOSHIBA	1	
Q22	S.TRANSISTOR	2SC5006	NEC	1	
Q23	S.TRANSISTOR	2SA1577 R	ROHM	1	
Q24	S.TRANSISTOR	2SA1577 R	ROHM	1	
Q25	S.TRANSISTOR	2SA1577 R	ROHM	1	
Q26	S.TRANSISTOR	2SB1132 R	ROHM	1	
Q27	S.TRANSISTOR	XP6501 AB	MEC	1	
Q28	S.TRANSISTOR	UNR9213J	MEC	1	
Q29	S.TRANSISTOR	2SC5006	NEC	1	
Q31	S.FET	2SK3019	ROHM	1	
Q32	S.FET	2SK3019	ROHM	1	
Q33	S.TRANSISTOR	UNR9213J	MEC	1	digital only
Q34	S.FET	2SK3019	ROHM	1	
Q35	S.TRANSISTOR	UNR9213J	MEC	1	digital only
Q36	S.FET	2SK3019	ROHM	1	digital only
Q37	S.TRANSISTOR	UNR9213J	MEC	1	digital only
Q39	S.TRANSISTOR	XP4601	MEC	1	
Q40	S.TRANSISTOR	UNR9213J	MEC	1	
Q41	S.TRANSISTOR	XP6501 AB	MEC	1	
Q42	S.TRANSISTOR	2SB1132 R	ROHM	1	
Q43	S.TRANSISTOR	UNR9111J	MEC	1	
Q44	S.TRANSISTOR	UNR9210J	MEC	1	
Q45	S.TRANSISTOR	UNR9113J	MEC	1	
Q46	S.TRANSISTOR	UNR9213J	MEC	1	
Q47	S.TRANSISTOR	UNR9213J	MEC	1	
Q49	S.TRANSISTOR	UNR9213J	MEC	1	
D2	S.DIODE	DAN222	ROHM	1	digital only
D3	S.DIODE	DAN222	ROHM	1	digital only
D4	S.DIODE	MA2S111	MEC	1	
D6	S.DIODE	MA2S077	MEC	1	
D8	S.DIODE	MA2S111	MEC	1	
D9	S.VARICAP	HVC376B-E	RENESAS	1	
D10	S.VARICAP	HVC376B-E	RENESAS	1	
D11	S.VARICAP	HVC375B-E	RENESAS	1	
D12	S.VARICAP	1SV239 F	TOSHIBA	1	
D13	S.VARICAP	HVC375B-E	RENESAS	1	
D16	S.DIODE	1SV307 F	TOSHIBA	1	
D17	S.DIODE	MA2S077	MEC	1	

IC-F3021T/F3021S MAIN PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY	note
D19	S.VARICAP	HVC375B-E	RENESAS	1	
D20	S.DIODE	MA2S728	MEC	1	
D21	S.DIODE	DAN222	ROHM	1	
D23	S.DIODE	MA2S111	MEC	1	
D24	S.VARICAP	HVC375B-E	RENESAS	1	
D28	S.DIODE	RB706F-40	ROHM	1	
D31	S.DIODE	MA2S077	MEC	1	
D32	S.DIODE	MA2S077	MEC	1	
D33	S.VARICAP	HVC376B-E	RENESAS	1	
D34	S.VARICAP	HVC376B-E	RENESAS	1	
FI1	S.MONOLITH	FL-335	DAISHINKU	1	
FI2	CERAMIC	CFWM450F	MURATA	1	
FI3	S.CERAMIC	SFPKA450KH1A	MURATA	1	digital only
X1	S.DISCRI	CDBC450CX24	MURATA	1	
X2	S.XTAL	CR-783	TOKYO DENPA	1	digital only
X6	S.XTAL	CR-774	DAISHINKU	1	
L7	S.COIL	C2012C 68NG	SAGAMI	1	
L8	S.COIL	C2012C 68NG	SAGAMI	1	
L9	S.COIL	ELJND R82J 0.82U	MACO	1	
L12	S.COIL	LQN21A 68NJ04 68N	MURATA	1	
L13	S.COIL	ELJNC R82K 0.82U	MACO	1	
L21	S.COIL	ELJRF R10JFB 0.1U	MACO	1	
L22	S.COIL	ELJRF R10JFB 0.1U	MACO	1	
L24	S.COIL	MLF1608K 100K 10U	TDK	1	
L25	S.COIL	LQN21A R10J04 0.1U	MURATA	1	
L27	S.COIL	MLF1608A 4R7K 4.7U	TDK	1	
L28	S.COIL	MLF1608A 4R7K 4.7U	TDK	1	
L32	S.COIL	ELJRF 18NJFB 18N	MACO	1	
L33	S.COIL	MLF1608D R82K 0.82U	TDK	1	
L34	S.COIL	ELJRF 22NJFB 22N	MACO	1	
L35	S.COIL	MLF1608D R22K 0.22U	TDK	1	
L36	S.COIL	ELJRF 22NJFB 22N	MACO	1	
L37	S.COIL	LQN21A 33NJ04 33N	MURATA	1	
L38	S.COIL	LQN21A 82NJ04 82N	MURATA	1	
L39	S.COIL	LQN21A 68NJ04 68N	MURATA	1	
L40	S.COIL	MLF1608K 100K 10U	TDK	1	
L41	S.COIL	ELJRF 18NJFB 18N	MACO	1	
L42	S.COIL	MLF1608A 4R7K 4.7U	TDK	1	
L43	S.COIL	MLF1608A 4R7K 4.7U	TDK	1	
L46	S.COIL	ELJRE 15NGFA 15N	MACO	1	
L47	S.COIL	LQW18AN82NG00D	MURATA	1	
L48	S.COIL	LQW18AN68NG00D	MURATA	1	
L49	S.COIL	ELJRE R18GFA 0.18U	MACO	1	
L50	S.COIL	MLF1608A 1R0K 1U	TDK	1	
R6	S.RESISTOR	68K ERJ2GE	MACO	1	
R12	S.RESISTOR	10 ERJ2GE	MACO	1	
R13	S.RESISTOR	100K ERJ2GE	MACO	1	
R15	S.RESISTOR	120K ERJ2GE	MACO	1	
R16	S.RESISTOR	270 ERJ2GE	MACO	1	
R17	S.RESISTOR	47 ERJ2GE	MACO	1	
R18	S.RESISTOR	330 ERJ2GE	MACO	1	
R19	S.RESISTOR	100K ERJ2GE	MACO	1	
R24	S.RESISTOR	1K ERJ2GE	MACO	1	
R25	S.RESISTOR	68K ERJ2GE	MACO	1	
R26	S.RESISTOR	120K ERJ2GE	MACO	1	
R27	S.RESISTOR	150K ERJ2GE	MACO	1	
R28	S.RESISTOR	68K ERJ2GE	MACO	1	
R29	S.RESISTOR	68 ERJ2GE	MACO	1	
R31	S.RESISTOR	100 ERJ2GE	MACO	1	
R32	S.RESISTOR	ERJ2GE-JPW	MACO	1	
R33	S.RESISTOR	ERJ2GE-JPW	MACO	1	
R34	S.RESISTOR	180K ERJ2GE	MACO	1	
R35	S.RESISTOR	2.2K ERJ2GE	MACO	1	
R36	S.RESISTOR	3.9K ERJ2GE	MACO	1	
R38	S.RESISTOR	100K ERJ2GE	MACO	1	
R39	S.RESISTOR	47 ERJ2GE	MACO	1	

IC-F3021T/F3021S MAIN PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY	note
R40	S.RESISTOR	1.5K ERJ2GE	MACO	1	
R42	S.RESISTOR	1K ERJ2GE	MACO	1	
R43	S.RESISTOR	470 ERJ2GE	MACO	1	
R44	S.RESISTOR	330K ERJ2GE	MACO	1	
R45	S.RESISTOR	47K ERJ2GE	MACO	1	
R46	S.RESISTOR	3.3K ERJ2GE	MACO	1	
R48	S.RESISTOR	680 ERJ2GE	MACO	1	
R50	S.RESISTOR	10K ERJ2GE	MACO	1	
R51	S.RESISTOR	2.2K ERJ2GE	MACO	1	digital only
R52	S.RESISTOR	10K ERJ2GE	MACO	1	digital only
R53	S.RESISTOR	18K ERJ2GE	MACO	1	digital only
R54	S.RESISTOR	18K ERJ2GE	MACO	1	digital only
R55	S.RESISTOR	4.7K ERJ2GE	MACO	1	digital only
R56	S.RESISTOR	ERJ2GE-JPW	MACO	1	analogue only
R60	S.RESISTOR	2.7K ERJ2GE	MACO	1	
R61	S.RESISTOR	4.7K ERJ2GE	MACO	1	digital only
R62	S.RESISTOR	10K ERJ2GE	MACO	1	digital only
R67	S.RESISTOR	100 ERJ2GE	MACO	1	
R68	S.RESISTOR	10K ERJ2GE	MACO	1	
R69	S.RESISTOR	4.7K ERJ2GE	MACO	1	
R70	S.RESISTOR	10 ERJ2GE	MACO	1	
R71	S.RESISTOR	22K ERJ2GE	MACO	1	
R72	S.RESISTOR	1K ERJ2GE	MACO	1	
R75	S.RESISTOR	22K ERJ2GE	MACO	1	
R76	S.RESISTOR	10 ERJ2GE	MACO	1	
R77	S.RESISTOR	100 ERJ2GE	MACO	1	
R78	S.RESISTOR	100K ERJ2GE	MACO	1	
R79	S.RESISTOR	1.8K RR0510	SUSUMU	1	
R80	S.RESISTOR	33K ERJ2GE	MACO	1	
R82	S.RESISTOR	4.7 ERJ2GE	MACO	1	
R83	S.RESISTOR	1.8K RR0510	SUSUMU	1	
R84	S.RESISTOR	3.9K RR0510	SUSUMU	1	
R85	S.RESISTOR	3.9K RR0510	SUSUMU	1	
R86	S.RESISTOR	100K ERJ2GE	MACO	1	
R87	S.RESISTOR	470 ERJ2GE	MACO	1	
R88	S.RESISTOR	560 ERJ2GE	MACO	1	
R89	S.RESISTOR	10K ERJ2GE	MACO	1	
R91	S.RESISTOR	100K ERJ2GE	MACO	1	
R92	S.RESISTOR	330K ERJ2GE	MACO	1	
R94	S.RESISTOR	220 ERJ2GE	MACO	1	
R95	S.RESISTOR	1K ERJ2GE	MACO	1	
R96	S.RESISTOR	1.2K ERJ2GE	MACO	1	
R97	S.RESISTOR	15K ERJ2GE	MACO	1	
R98	S.RESISTOR	2.2K ERJ2GE	MACO	1	
R99	S.RESISTOR	15K ERJ2GE	MACO	1	
R100	S.RESISTOR	4.7K ERJ2GE	MACO	1	
R101	S.RESISTOR	220 ERJ2GE	MACO	1	
R103	S.RESISTOR	330K ERJ2GE	MACO	1	
R104	S.RESISTOR	270K ERJ2GE	MACO	1	
R105	S.RESISTOR	330K ERJ2GE	MACO	1	
R106	S.RESISTOR	10K ERJ2GE	MACO	1	
R108	S.RESISTOR	ERJ2GE-JPW	MACO	1	
R109	S.RESISTOR	10K ERJ2GE	MACO	1	
R110	S.RESISTOR	82K ERJ2GE	MACO	1	
R111	S.RESISTOR	470K ERJ2GE	MACO	1	
R115	S.RESISTOR	4.7K ERJ2GE	MACO	1	
R116	S.RESISTOR	680K ERJ2GE	MACO	1	
R121	S.RESISTOR	33K ERJ2GE	MACO	1	
R122	S.RESISTOR	10K ERJ2GE	MACO	1	
R123	S.RESISTOR	10K ERJ2GE	MACO	1	
R124	S.RESISTOR	100K ERJ2GE	MACO	1	
R125	S.RESISTOR	100K ERJ2GE	MACO	1	digital only
R126	S.RESISTOR	100 ERJ2GE	MACO	1	
R127	S.RESISTOR	2.7K ERJ2GE	MACO	1	
R128	S.RESISTOR	1.8K ERJ2GE	MACO	1	
R129	S.RESISTOR	56K ERJ2GE	MACO	1	

IC-F3021T/F3021S MAIN PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY	note
R133	S.RESISTOR	100K ERJ2GE	MACO	1	
R134	S.RESISTOR	10K ERJ2GE	MACO	1	
R135	S.RESISTOR	3.9K ERJ2GE	MACO	1	
R136	S.RESISTOR	47K ERJ2GE	MACO	1	
R137	S.RESISTOR	82K ERJ2GE	MACO	1	
R138	S.RESISTOR	470 ERJ2GE	MACO	1	
R139	S.RESISTOR	560K ERJ2GE	MACO	1	
R140	S.RESISTOR	270K ERJ2GE	MACO	1	
R141	S.RESISTOR	ERJ2GE - JPW	MACO	1	
R142	S.RESISTOR	3.9K ERJ2GE	MACO	1	
R143	S.RESISTOR	150K ERJ2GE	MACO	1	
R144	S.RESISTOR	270K ERJ2GE	MACO	1	
R145	S.RESISTOR	150K ERJ2GE	MACO	1	
R146	S.RESISTOR	33K ERJ2GE	MACO	1	
R147	S.RESISTOR	150K ERJ2GE	MACO	1	
R148	S.RESISTOR	470 ERJ2GE	MACO	1	
R149	S.RESISTOR	220K ERJ2GE	MACO	1	
R150	S.RESISTOR	560K ERJ2GE	MACO	1	
R151	S.RESISTOR	82K ERJ2GE	MACO	1	
R152	S.RESISTOR	330K ERJ2GE	MACO	1	
R153	S.RESISTOR	120K ERJ2GE	MACO	1	
R154	S.RESISTOR	82K ERJ2GE	MACO	1	
R155	S.RESISTOR	56K ERJ2GE	MACO	1	
R156	S.RESISTOR	10K ERJ2GE	MACO	1	
R157	S.RESISTOR	100 ERJ2GE	MACO	1	digital only
R158	S.RESISTOR	1M ERJ2GE	MACO	1	
R159	S.RESISTOR	1K ERJ2GE	MACO	1	
R160	S.RESISTOR	10K ERJ2GE	MACO	1	
R161	S.RESISTOR	10K ERJ2GE	MACO	1	
R162	S.RESISTOR	4.7K ERJ2GE	MACO	1	
R163	S.RESISTOR	10K ERJ2GE	MACO	1	
R164	S.RESISTOR	10K ERJ2GE	MACO	1	
R165	S.RESISTOR	10K ERJ2GE	MACO	1	
R166	S.RESISTOR	4.7K ERJ2GE	MACO	1	
R167	S.RESISTOR	10K ERJ2GE	MACO	1	
R168	S.RESISTOR	10K ERJ2GE	MACO	1	
R169	S.RESISTOR	100 ERJ2GE	MACO	1	
R172	S.RESISTOR	22K ERJ2GE	MACO	1	
R181	S.RESISTOR	22K ERJ2GE	MACO	1	
R182	S.RESISTOR	22K ERJ2GE	MACO	1	
R183	S.RESISTOR	22K ERJ2GE	MACO	1	
R184	S.RESISTOR	15K ERJ2GE	MACO	1	
R185	S.RESISTOR	3.3K ERJ2GE	MACO	1	
R186	S.RESISTOR	100K ERJ2GE	MACO	1	
R187	S.RESISTOR	68K ERJ2GE	MACO	1	
R188	S.RESISTOR	10K ERJ2GE	MACO	1	
R190	S.RESISTOR	1.2K ERJ2GE	MACO	1	
R194	S.RESISTOR	100K ERJ2GE	MACO	1	
R195	S.RESISTOR	100K ERJ2GE	MACO	1	
R196	S.RESISTOR	39K ERJ2GE	MACO	1	
R197	S.RESISTOR	82K ERJ2GE	MACO	1	
R198	S.RESISTOR	180K ERJ2GE	MACO	1	
R199	S.RESISTOR	390K ERJ2GE	MACO	1	
R200	S.RESISTOR	1.5K ERJ2GE	MACO	1	
R201	S.RESISTOR	10K ERJ2GE	MACO	1	
R202	S.RESISTOR	470 ERJ2GE	MACO	1	
R209	S.RESISTOR	68K ERJ2GE	MACO	1	
R210	S.RESISTOR	47K ERJ2GE	MACO	1	
R211	S.RESISTOR	47K ERJ2GE	MACO	1	
R213	S.RESISTOR	4.7K ERJ2GE	MACO	1	
R214	S.RESISTOR	47K ERJ2GE	MACO	1	
R215	S.RESISTOR	68K ERJ2GE	MACO	1	
R216	S.RESISTOR	68K ERJ2GE	MACO	1	
R217	S.RESISTOR	68K ERJ2GE	MACO	1	
R218	S.RESISTOR	68K ERJ2GE	MACO	1	
R219	S.RESISTOR	47K ERJ2GE	MACO	1	

IC-F3021T/F3021S MAIN PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY	note
R220	S.RESISTOR	22K ERJ2GE	MACO	1	
R221	S.RESISTOR	22K ERJ2GE	MACO	1	
R222	S.RESISTOR	180K ERJ2GE	MACO	1	
R223	S.RESISTOR	56K ERJ2GE	MACO	1	
R224	S.RESISTOR	22K ERJ2GE	MACO	1	
R225	S.RESISTOR	33 ERJ2GE	MACO	1	
R226	S.RESISTOR	15 ERJ2GE	MACO	1	
R227	S.RESISTOR	2.7K ERJ2GE	MACO	1	
R228	S.RESISTOR	3.3K ERJ2GE	MACO	1	
R229	S.RESISTOR	1K ERJ2GE	MACO	1	
R230	S.RESISTOR	330K ERJ2GE	MACO	1	
R231	S.RESISTOR	150K ERJ2GE	MACO	1	
R233	S.RESISTOR	100 ERJ2GE	MACO	1	
R234	S.RESISTOR	10 ERJ2GE	MACO	1	
R235	S.RESISTOR	470 ERJ2GE	MACO	1	
R236	S.RESISTOR	100K ERJ2GE	MACO	1	
R237	S.RESISTOR	1.5K ERJ2GE	MACO	1	
R238	S.RESISTOR	470 ERJ2GE	MACO	1	
R239	S.RESISTOR	15K ERJ2GE	MACO	1	
R240	S.RESISTOR	33K ERJ2GE	MACO	1	
R241	S.RESISTOR	220K ERJ2GE	MACO	1	
R242	S.RESISTOR	1M ERJ2GE	MACO	1	
R243	S.RESISTOR	15K ERJ2GE	MACO	1	
R244	S.RESISTOR	47K ERJ2GE	MACO	1	
R245	S.RESISTOR	100K ERJ2GE	MACO	1	
R246	S.RESISTOR	100K ERJ2GE	MACO	1	
R247	S.RESISTOR	470 ERJ2GE	MACO	1	
R248	S.RESISTOR	10K ERJ2GE	MACO	1	
R249	S.RESISTOR	1K ERJ2GE	MACO	1	
R254	S.RESISTOR	100K ERJ2GE	MACO	1	
R255	S.RESISTOR	18K ERJ2GE	MACO	1	
R256	S.THERMISTOR	ERTJ0EP473J	MACO	1	
R257	S.RESISTOR	100K ERJ2GE	MACO	1	
R258	S.RESISTOR	10 ERJ2GE	MACO	1	
R259	S.RESISTOR	1M ERJ2GE	MACO	1	
R260	S.RESISTOR	12K ERJ2GE	MACO	1	
R261	S.RESISTOR	12K ERJ2GE	MACO	1	
R262	S.RESISTOR	12K ERJ2GE	MACO	1	
R263	S.RESISTOR	100K ERJ2GE	MACO	1	
R264	S.RESISTOR	10K RR0510	SUSUMU	1	
R265	S.RESISTOR	10K RR0510	SUSUMU	1	
R272	S.RESISTOR	100 ERJ2GE	MACO	1	
R273	S.RESISTOR	1M ERJ2GE	MACO	1	
R274	S.RESISTOR	1M ERJ2GE	MACO	1	
R275	S.RESISTOR	1M ERJ2GE	MACO	1	
R276	S.RESISTOR	1M ERJ2GE	MACO	1	
R277	S.RESISTOR	1M ERJ2GE	MACO	1	
R278	S.RESISTOR	1M ERJ2GE	MACO	1	
R279	S.RESISTOR	100K ERJ2GE	MACO	1	
R280	S.RESISTOR	100K ERJ2GE	MACO	1	
R281	S.RESISTOR	820 ERJ2GE	MACO	1	
R288	S.RESISTOR	4.7K ERJ2GE	MACO	1	
R291	S.RESISTOR	1K ERJ2GE	MACO	1	
R292	S.RESISTOR	100K ERJ2GE	MACO	1	
R293	S.RESISTOR	10K ERJ2GE	MACO	1	
R295	S.RESISTOR	47K ERJ2GE	MACO	1	
R300	S.RESISTOR	100K ERJ2GE	MACO	1	
R302	S.RESISTOR	100K ERJ2GE	MACO	1	
R303	S.RESISTOR	10K ERJ2GE	MACO	1	
R307	S.RESISTOR	56 ERJ2GE	MACO	1	
R308	S.RESISTOR	15K ERJ2GE	MACO	1	
R309	S.RESISTOR	10K ERJ2GE	MACO	1	
R315	VARIABLE	TP76N00N-15F-A103-2251A	COSMOS	1	
R321	S.RESISTOR	100K ERJ2GE	MACO	1	
R345	S.RESISTOR	1K ERJ2GE	MACO	1	
R346	S.RESISTOR	1K ERJ2GE	MACO	1	

IC-F3021T/F3021S MAIN PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY	note
R347	S.RESISTOR	1K ERJ2GE	MACO	1	
R348	S.RESISTOR	1K ERJ2GE	MACO	1	
R349	S.RESISTOR	1K ERJ2GE	MACO	1	
R350	S.RESISTOR	1K ERJ2GE	MACO	1	
R351	S.RESISTOR	1K ERJ2GE	MACO	1	
R352	S.RESISTOR	1K ERJ2GE	MACO	1	
R353	S.ARRAY	EXB28V102J 1K	MACO	1	
R354	S.RESISTOR	100K ERJ2GE	MACO	1	
R361	S.RESISTOR	470 ERJ2GE	MACO	1	
R363	S.RESISTOR	150K ERJ2GE	MACO	1	
R364	S.RESISTOR	1M ERJ2GE	MACO	1	digital only
R367	S.RESISTOR	100 ERJ2GE	MACO	1	
R368	S.RESISTOR	100K ERJ2GE	MACO	1	
R369	S.RESISTOR	100K ERJ2GE	MACO	1	
R370	S.RESISTOR	ERJ2GE-JPW	MACO	1	
R371	S.RESISTOR	8.2K ERJ2GE	MACO	1	
R372	S.RESISTOR	4.7K ERJ2GE	MACO	1	
R372	S.RESISTOR	4.7K ERJ2GE	MACO	1	analogue only
R375	S.RESISTOR	100K ERJ2GE	MACO	1	
R376	S.RESISTOR	ERJ2GE-JPW	MACO	1	
R377	S.RESISTOR	1K ERJ2GE	MACO	1	
R379	S.RESISTOR	100 ERJ2GE	MACO	1	
R380	S.RESISTOR	10K ERJ2GE	MACO	1	
R381	S.RESISTOR	10K ERJ2GE	MACO	1	
C16	S.TANTALUM	0.33 16V SVSP	NEC	1	
C17	S.TANTALUM	2.2 16V MSVA	NEC	1	
C19	S.CERAMIC	47P ECJ10 CH	MACO	1	
C22	S.CERAMIC	1.5P ECJ10 CH B	MACO	1	
C24	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C25	S.CERAMIC	6P ECJ10 CH	MACO	1	
C26	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C27	S.CERAMIC	100P ECJ10 CH	MACO	1	
C28	S.CERAMIC	3P ECJ10 CH B	MACO	1	
C29	S.CERAMIC	6P ECJ10 CH	MACO	1	
C30	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C32	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C33	S.CERAMIC	47P ECJ10 CH	MACO	1	
C36	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C40	S.CERAMIC	39P ECJ10 CH	MACO	1	
C42	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C46	S.CERAMIC	47P ECJ10 CH	MACO	1	
C47	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C48	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C49	S.CERAMIC	8P ECJ10 CH	MACO	1	
C50	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C51	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C52	S.CERAMIC	10P ECJ10 CH	MACO	1	
C53	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C54	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C55	S.CERAMIC	4P ECJ10 CH B	MACO	1	
C56	S.CERAMIC	22P ECJ10 CH	MACO	1	
C57	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C58	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C59	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C60	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C61	S.CERAMIC	100P ECJ10 CH	MACO	1	
C62	S.CERAMIC	68P ECJ10 CH	MACO	1	
C63	S.CERAMIC	47P ECJ10 CH	MACO	1	
C65	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C66	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C67	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C69	S.CERAMIC	150P ECJ10 CH	MACO	1	
C70	S.CERAMIC	150P ECJ10 CH	MACO	1	
C71	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C72	S.CERAMIC	47P ECJ10 CH	MACO	1	
C73	S.CERAMIC	0.0027 ECJ10 B	MACO	1	

IC-F3021T/F3021S MAIN PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY	note
C74	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C75	S.TANTALUM	10 10V MSVA	NEC	1	
C76	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C77	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	digital only
C78	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	digital only
C79	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C80	S.TANTALUM	22 10V MSVA	TOKIN	1	
C81	S.CERAMIC	47P ECJ10 CH	MACO	1	
C82	S.CERAMIC	47P ECJ10 CH	MACO	1	
C99	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C100	S.CERAMIC	10P ECJ10 CH	MACO	1	
C101	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C102	S.CERAMIC	7P ECJ10 CH	MACO	1	
C103	S.CERAMIC	5P ECJ10 CH B	MACO	1	
C104	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C105	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C107	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C108	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C109	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C110	S.CERAMIC	47P ECJ10 CH	MACO	1	
C111	S.CERAMIC	47P ECJ10 CH	MACO	1	
C113	S.CERAMIC	0.75P ECJ10 CH B	MACO	1	
C114	S.CERAMIC	33P ECJ10 CH	MACO	1	
C115	S.CERAMIC	33P ECJ10 CH	MACO	1	
C116	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C117	S.CERAMIC	470P ECJ10 B	MACO	1	
C118	S.CERAMIC	0.5P ECJ10 CH B	MACO	1	
C119	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C120	S.CERAMIC	470P ECJ10 B	MACO	1	
C121	S.CERAMIC	18P ECJ10 CH	MACO	1	
C122	S.CERAMIC	33P ECJ10 CH	MACO	1	
C123	S.CERAMIC	68P ECJ10 CH	MACO	1	
C126	S.CERAMIC	33P ECJ10 CH	MACO	1	
C129	S.CERAMIC	1P ECJ10 CH B	MACO	1	
C133	S.CERAMIC	18P ECJ10 CH	MACO	1	
C134	S.CERAMIC	18P ECJ10 CH	MACO	1	
C135	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C137	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C138	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C139	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C141	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C143	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C144	S.CERAMIC	47P ECJ10 CH	MACO	1	
C145	S.CERAMIC	47P ECJ10 CH	MACO	1	
C146	S.TANTALUM	0.33 16V SVSP	NEC	1	
C148	S.TANTALUM	10 10V MSVA	NEC	1	
C149	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C150	S.CERAMIC	1 ECJ10 6.3V B	MACO	1	
C151	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C152	S.CERAMIC	47P ECJ10 CH	MACO	1	
C153	S.CERAMIC	47P ECJ10 CH	MACO	1	
C154	S.CERAMIC	47P ECJ10 CH	MACO	1	
C155	S.CERAMIC	47P ECJ10 CH	MACO	1	
C156	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C157	S.CERAMIC	10P ECJ10 CH	MACO	1	
C158	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C159	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C160	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C161	S.CERAMIC	10P ECJ10 CH	MACO	1	
C162	S.CERAMIC	56P ECJ10 CH	MACO	1	
C163	S.CERAMIC	4P ECJ10 CH B	MACO	1	
C164	S.CERAMIC	7P ECJ10 CH	MACO	1	
C165	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C166	S.CERAMIC	3P ECJ10 CH B	MACO	1	
C167	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C168	S.CERAMIC	0.001 ECJ10 B	MACO	1	

IC-F3021T/F3021S MAIN PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY	note
C169	S.CERAMIC	47P ECJ10 CH	MACO	1	
C170	S.CERAMIC	4.7 C1608 6.3V B	TDK	1	
C171	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C172	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C174	S.CERAMIC	180P ECJ10 CH	MACO	1	
C175	S.CERAMIC	47P ECJ10 CH	MACO	1	
C176	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C177	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C182	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C183	S.CERAMIC	10P ECJ10 CH	MACO	1	
C184	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C185	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C186	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C190	S.CERAMIC	7P ECJ10 CH	MACO	1	
C191	S.CERAMIC	27P ECJ10 CH	MACO	1	
C192	S.CERAMIC	220P ECJ10 CH	MACO	1	
C193	S.CERAMIC	6P ECJ10 CH	MACO	1	
C194	S.CERAMIC	3P ECJ10 CH B	MACO	1	
C195	S.CERAMIC	3P ECJ10 CH B	MACO	1	
C196	S.CERAMIC	3P ECJ10 CH B	MACO	1	
C197	S.CERAMIC	7P ECJ10 CH	MACO	1	
C198	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C199	S.CERAMIC	3P ECJ10 CH B	MACO	1	
C200	S.CERAMIC	7P ECJ10 CH	MACO	1	
C201	S.CERAMIC	8P ECJ10 CH	MACO	1	
C202	S.CERAMIC	8P ECJ10 CH	MACO	1	
C203	S.CERAMIC	15P ECJ10 CH	MACO	1	
C204	S.CERAMIC	8P ECJ10 CH	MACO	1	
C205	S.CERAMIC	4P ECJ10 CH B	MACO	1	
C206	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C210	S.CERAMIC	47P ECJ10 CH	MACO	1	digital only
C211	S.CERAMIC	0.022 ECJ10 16V B	MACO	1	
C212	S.CERAMIC	820P ECJ10 B	MACO	1	
C213	S.CERAMIC	820P ECJ10 B	MACO	1	
C214	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C215	S.CERAMIC	0.047 ECJ10 10V B	MACO	1	
C221	S.CERAMIC	0.039 ECJ10 10V B	MACO	1	
C222	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C223	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C224	S.CERAMIC	0.022 ECJ10 16V B	MACO	1	
C230	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C231	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C232	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C233	S.TANTALUM	22 10V MSVA	TOKIN	1	
C234	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C235	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C236	S.CERAMIC	4.7 C2012 10V B	TDK	1	
C237	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C238	S.TANTALUM	4.7 10V SVSP	NEC	1	
C239	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C240	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C241	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C242	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C246	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C247	S.CERAMIC	1 ECJ10 6.3V B	MACO	1	
C248	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C249	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C250	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C251	S.CERAMIC	0.047 ECJ10 10V B	MACO	1	
C252	S.CERAMIC	0.047 ECJ10 10V B	MACO	1	
C253	S.CERAMIC	0.047 ECJ10 10V B	MACO	1	
C254	S.CERAMIC	0.047 ECJ10 10V B	MACO	1	
C255	S.CERAMIC	0.047 ECJ10 10V B	MACO	1	
C256	S.CERAMIC	0.022 ECJ10 16V B	MACO	1	
C257	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C258	S.CERAMIC	180P ECJ10 CH	MACO	1	

IC-F3021T/F3021S MAIN PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY	note
C259	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C260	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C262	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C263	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C265	S.CERAMIC	0.0033 ECJ10 B	MACO	1	
C266	S.CERAMIC	180P ECJ10 CH	MACO	1	
C267	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C268	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C269	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C271	S.CERAMIC	47P ECJ10 CH	MACO	1	
C272	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C297	S.CERAMIC	68P ECJ10 CH	MACO	1	
C298	S.CERAMIC	47P ECJ10 CH	MACO	1	
C301	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C302	S.CERAMIC	47P ECJ10 CH	MACO	1	
C303	S.CERAMIC	1 ECJ10 6.3V B	MACO	1	
C312	S.CERAMIC	0.012 ECJ10 16V B	MACO	1	
C314	S.CERAMIC	820P ECJ10 B	MACO	1	
C315	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C316	S.CERAMIC	47P ECJ10 CH	MACO	1	
C317	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C318	S.CERAMIC	390P ECJ10 B	MACO	1	
C319	S.CERAMIC	0.0022 ECJ10 B	MACO	1	
C320	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C321	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C322	S.CERAMIC	47P ECJ10 CH	MACO	1	
C323	S.CERAMIC	0.047 ECJ10 10V B	MACO	1	
C324	S.TANTALUM	100 10V SY6	ELNA	1	
C325	S.TANTALUM	10 10V MSVA	NEC	1	
C326	S.TANTALUM	10 16V MSVA	TOKIN	1	
C327	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C328	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C329	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C330	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C331	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C332	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C333	S.TANTALUM	10 10V MSVA	NEC	1	
C334	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C335	S.CERAMIC	1 ECJ10 6.3V B	MACO	1	
C338	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C339	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C340	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C345	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C346	S.CERAMIC	8P ECJ10 CH	MACO	1	
C347	S.CERAMIC	15P ECJ10 CH	MACO	1	
C348	S.CERAMIC	22P ECJ10 CH	MACO	1	
C349	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C350	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C351	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C352	S.CERAMIC	0.027 ECJ10 10V B	MACO	1	
C353	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C354	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C355	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C357	S.CERAMIC	4.7 C1608 6.3V B	TDK	1	
C359	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C360	S.CERAMIC	47P ECJ10 CH	MACO	1	
C361	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C366	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C367	S.CERAMIC	470P ECJ10 B	MACO	1	
C368	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C369	S.CERAMIC	100P ECJ10 CH	MACO	1	
C370	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C371	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C372	S.CERAMIC	1 ECJ10 6.3V B	MACO	1	
C373	S.CERAMIC	1 ECJ10 6.3V B	MACO	1	
C375	S.CERAMIC	0.001 ECJ10 B	MACO	1	

IC-F3021T/F3021S MAIN PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY	note
C376	S.CERAMIC	47P ECJ10 CH	MACO	1	
C377	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C379	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C384	S.CERAMIC	680P ECJ10 B	MACO	1	
C386	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C387	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C388	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C390	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C391	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	digital only
C392	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	digital only
C393	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C394	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C395	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C396	S.CERAMIC	12P ECJ10 CH	MACO	1	
C397	S.CERAMIC	12P ECJ10 CH	MACO	1	
C398	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C399	S.TANTALUM	0.22 20V F92 MPA	NICHICON	1	
C400	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C401	S.CERAMIC	1 ECJ10 6.3V B	MACO	1	
C402	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C406	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C409	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C410	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C412	S.CERAMIC	47P ECJ10 CH	MACO	1	
C413	S.CERAMIC	0.0027 ECJ10 B	MACO	1	
C420	S.CERAMIC	2P ECJ10 CH B	MACO	1	
C421	S.TANTALUM	47 6.3V MSVB2	NEC	1	
C422	S.TANTALUM	47 6.3V MSVB2	NEC	1	
C423	S.CERAMIC	470P ECJ10 B	MACO	1	
C424	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	
C425	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	digital only
C426	S.CERAMIC	0.01 ECJ10 16V B	MACO	1	digital only
C427	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	digital only
C428	S.TANTALUM	10 10V MSVA	NEC	1	digital only
C429	S.TANTALUM	10 10V MSVA	NEC	1	digital only
C430	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C432	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C433	S.CERAMIC	0.1 ECJ10 10V B	MACO	1	
C435	S.CERAMIC	0.0015 ECJ10 B	MACO	1	
C436	S.CERAMIC	0.0015 ECJ10 B	MACO	1	
C437	S.CERAMIC	15P ECJ10 CH	MACO	1	
C438	S.CERAMIC	33P ECJ10 CH	MACO	1	
C439	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C440	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C441	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C442	S.CERAMIC	0.001 ECJ10 B	MACO	1	
C443	S.CERAMIC	68P ECJ10 CH	MACO	1	
C444	S.CERAMIC	0.001 ECJ10 B	MACO	1	
J2	CONNECTOR	HSJ1456-010320	HOSIDEN	1	
J3	CONNECTOR	HSJ1102-018540	HOSIDEN	1	
J4	S.CONNECTOR	BM02B-ASRS-TF	NICHIATSU	1	
J5	S.CONNECTOR	AXK540145J	MATUSITA DENKO	1	
DS1	S.LED	LNJ310M6URA	MACO	1	
DS2	S.LED	LNJ310M6URA	MACO	1	
DS3	LCD	FX-2721 LCD-1	TESCOM	1	
MC1	MICROPHONE	SKB-2746 LPC	SHINETSU	1	
S1	S.SWITCH	EVQ-PUL 02K	MACO	1	
S2	SWITCH	SKHLLFA010	ALPS	1	
S3	S.SWITCH	SW-167(SKQT)	ALPS	1	
S4	S.SWITCH	SW-167(SKQT)	ALPS	1	
S5	S.SWITCH	SW-167(SKQT)	ALPS	1	
EP1	S.BEAD	ACZ1005Y-102	TDK	1	
EP3	S.BEAD	ACZ1005Y-102	TDK	1	
EP6	S.BEAD	ACZ1005Y-102	TDK	1	
EP7	LCD CONTACT	SRCN-2721-SP-N-W	SHINETSU	2	
EP11	S.BEAD	ACZ1005Y-102	TDK	1	

IC-F3021T/F3021S PA PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY
IC701	S.IC	TA75S01F F	TOSHIBA	1
Q701	S.FET	RD07MVS1-T112	MITSUBISHI	1
Q702	S.FET	RD01MUS1-T113	MITSUBISHI	1
Q704	S.TRANSISTOR	2SC5006	NEC	1
Q705	S.TRANSISTOR	XP6401	MEC	1
Q706	S.TRANSISTOR	2SC4081 R	ROHM	1
D701	S.DIODE	1SV307 F	TOSHIBA	1
D702	S.DIODE	RB706F-40	ROHM	1
D703	S.DIODE	RB706F-40	ROHM	1
D704	S.DIODE	1SV307 F	TOSHIBA	1
D706	S.DIODE	1SV307 F	TOSHIBA	1
L701	S.COIL	NLV25T 4R7J 4.7U	TDK	1
L702	S.COIL	ELJRF 27NJFB 27N	MACO	1
L703	S.COIL	0.30-0.9-3TR 7.5N	UCHIDA	1
L704	S.COIL	0.30-0.9-4TR 10.5	UCHIDA	1
L705	S.COIL	0.30-0.9-9TR	UCHIDA	1
L706	S.COIL	EXCCL3225U	MACO	1
L707	S.COIL	ELJRF 47NJFB 47N	MACO	1
L708	S.COIL	0.30-1.7-7TL 50N	UCHIDA	1
L709	S.COIL	0.35-1.6-8TL 54N	UCHIDA	1
L712	S.COIL	LQW1608A47NG00	MURATA	1
L713	S.COIL	LQN21A 82NJ04 82N	MURATA	1
L714	S.COIL	LQW1608A27NG00	MURATA	1
R701	S.RESISTOR	330 ERJ3GE	MACO	1
R702	S.RESISTOR	330 ERJ3GE	MACO	1
R703	S.RESISTOR	4.7K ERJ2GE	MACO	1
R704	S.RESISTOR	22 ERJ2GE	MACO	1
R705	S.RESISTOR	100K ERJ2GE	MACO	1
R706	S.RESISTOR	4.7K ERJ2GE	MACO	1
R708	S.RESISTOR	68 ERJ2GE	MACO	1
R709	S.RESISTOR	22K ERJ2GE	MACO	1
R710	S.RESISTOR	4.7K ERJ2GE	MACO	1
R711	S.RESISTOR	33K ERJ2GE	MACO	1
R712	S.RESISTOR	1K ERJ2GE	MACO	1
R713	S.RESISTOR	1K ERJ2GE	MACO	1
R714	S.RESISTOR	0.15 ERJ1W RSJ	MACO	1
R715	S.RESISTOR	470 ERJ2GE	MACO	1
R716	S.RESISTOR	10K ERJ2GE	MACO	1
R726	S.RESISTOR	4.7K ERJ2GE	MACO	1
R730	S.RESISTOR	2.2K ERJ2GE	MACO	1
R732	S.RESISTOR	100 ERJ2GE	MACO	1
R734	S.RESISTOR	ERJ2GE-JPW	MACO	1
R735	S.RESISTOR	ERJ2GE-JPW	MACO	1
R738	S.RESISTOR	100 ERJ2GE	MACO	1
R741	S.RESISTOR	10 ERJ2GE	MACO	1
R742	S.RESISTOR	1.2K ERJ2GE	MACO	1
R743	S.RESISTOR	15K ERJ2GE	MACO	1
R744	S.RESISTOR	120K ERJ2GE	MACO	1
R745	S.RESISTOR	220K ERJ2GE	MACO	1

IC-F3021T/F3021S PA PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY
R746	S.RESISTOR	220 ERJ2GE	MACO	1
C701	S.CERAMIC	0.001 ECJ10 B	MACO	1
C702	S.CERAMIC	100P ECJ10 CH	MACO	1
C703	S.CERAMIC	47P ECJ10 CH	MACO	1
C704	S.CERAMIC	18P ECJ10 CH	MACO	1
C705	S.CERAMIC	18P C1608 CH	TDK	1
C706	S.CERAMIC	22P C1608 CH	TDK	1
C707	S.CERAMIC	0.001 ECJ10 B	MACO	1
C708	S.CERAMIC	68P ECJ10 CH	MACO	1
C709	S.CERAMIC	0.001 ECJ10 B	MACO	1
C710	S.CERAMIC	0.001 ECJ10 B	MACO	1
C711	S.CERAMIC	56P C1608 CH	TDK	1
C713	S.CERAMIC	0.001 ECJ10 B	MACO	1
C715	S.CERAMIC	47P ECJ10 CH	MACO	1
C716	S.CERAMIC	0.01 ECJ10 16V B	MACO	1
C718	S.CERAMIC	0.001 ECJ10 B	MACO	1
C719	S.CERAMIC	0.001 ECJ10 B	MACO	1
C720	S.CERAMIC	82P ECJ10 CH	MACO	1
C722	S.CERAMIC	0.001 ECJ10 B	MACO	1
C723	S.CERAMIC	0.001 ECJ10 B	MACO	1
C724	S.CERAMIC	0.001 ECJ10 B	MACO	1
C725	S.CERAMIC	0.001 ECJ10 B	MACO	1
C727	S.CERAMIC	0.001 ECJ10 B	MACO	1
C728	S.CERAMIC	5P ECJ10 CH B	MACO	1
C729	S.CERAMIC	15P ECJ10 CH	MACO	1
C731	S.CERAMIC	5P ECJ10 CH B	MACO	1
C732	S.CERAMIC	0.001 ECJ10 B	MACO	1
C733	S.CERAMIC	47P ECJ10 CH	MACO	1
C734	S.CERAMIC	0.001 ECJ10 B	MACO	1
C742	S.CERAMIC	0.001 ECJ10 B	MACO	1
C744	S.CERAMIC	15P ECJ10 CH	MACO	1
C745	S.CERAMIC	1.5P ECJ10 CH B	MACO	1
C746	S.CERAMIC	24P ECJ10 CH	MACO	1
C748	S.CERAMIC	1 ECJ10 6.3V B	MACO	1
C750	S.CERAMIC	11P ECJ10 CH	MACO	1
C751	S.CERAMIC	12P ECJ10 CH	MACO	1
C752	S.CERAMIC	0.001 ECJ10 B	MACO	1
C753	S.CERAMIC	0.001 ECJ10 B	MACO	1
C754	S.CERAMIC	0.001 ECJ10 B	MACO	1
C755	S.CERAMIC	47P ECJ10 CH	MACO	1
C756	S.CERAMIC	47P ECJ10 CH	MACO	1
C757	S.CERAMIC	0.001 ECJ10 B	MACO	1
C758	S.CERAMIC	47P ECJ10 CH	MACO	1
C759	S.CERAMIC	0.001 ECJ10 B	MACO	1
C760	S.CERAMIC	0.001 ECJ10 B	MACO	1
C761	S.CERAMIC	0.001 ECJ10 B	MACO	1
C763	S.CERAMIC	0.01 ECJ10 16V B	MACO	1
C767	S.CERAMIC	0.001 ECJ10 B	MACO	1
C768	S.CERAMIC	0.3P ECJ10 CH B	MACO	1

IC-F3021T/F3021S MAIN PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY	note
MP1	S.CASE	2721 VCO CASE	YASAKA	1	
MP2	COVER	2721 VCO COVER	YASAKA	1	
MP3	HOLDER	2927 LCD HOLDER	YASAKA	1	
MP4	PANEL	2721 REFLECTOR	OUMI KAKOU	1	
MP5	SHEET	WHITE SHEET(V)	NIKKENSYA	1	
MP6	PLATE	2927 MAIN SHIELD	YASAKA	1	
MP9	SHEET	INSULATION SHEET(LQ)	NIKKENSYA	1	

IC-F3021T/F3021S PA PARTS LIST

REF NO.	DESCRIPTION	TYPE(PARTS)	MANUFACTURER	QTY
C769	S.CERAMIC	0.3P ECJ10 CH B	MACO	1
C780	S.CERAMIC	0.001 ECJ10 B	MACO	1
C781	S.CERAMIC	0.1 ECJ10 10V B	MACO	1
C782	S.CERAMIC	0.001 ECJ10 B	MACO	1
C784	S.CERAMIC	47P ECJ10 CH	MACO	1
C785	S.CERAMIC	0.01 ECJ10 16V B	MACO	1
C786	S.CERAMIC	4.7 C2012 6.3V B	TDK	1
C787	S.CERAMIC	6P ECJ10 CH	MACO	1
J701	CONNECTOR	9230B-1-04Z140-PT	IRISO	1
J702	CONNECTOR	9230B-1-04Z140-PT	IRISO	1
F701	S.FUSE	0467003.NR	LITTELFUSE	1
EP701	PCB	B-6449B	MURAKAMI	1
EP711	S.BEAD	ACZ1005Y-102	TDK	1
EP712	S.BEAD	MMZ1608Y102BT	TDK	1
MP701	S.HEATSINK	2681 PA HEATSINK	KANSAIHATUJYO	1