

Ref. No.	Description	Part No.	Manufacturer	Q.TY.	Location
	Chip Capacitor (1608)	GRM39CK0R5C50PT / MCH185A0R5CK	0.5pF	MURATA / ROHM	1 C24
	Chip Capacitor (1608)	GRM39CK1R5C50PT / MCH185A1R5CK	1.5pF	MURATA / ROHM	2 C5,402
	Chip Capacitor (1608)	GRM39CJ030C50PT / MCH185A030CK	3pF	MURATA / ROHM	2 C7,102
	Chip Capacitor (1608)	GRM39CH050C50PT / MCH185A050CK	5pF	MURATA / ROHM	6 C3,75,100,407,408,409
	Chip Capacitor (1608)	GRM39CH060C50PT / MCH185A060DK	6pF	MURATA / ROHM	1 C18
	Chip Capacitor (1608)	GRM39CH070C50PT / MCH185A070DK	7pF	MURATA / ROHM	1 C17
	Chip Capacitor (1608)	GRM39CH080C50PT / MCH185A080DK	8pF	MURATA / ROHM	4 C2,11,13,99
	Chip Capacitor (1608)	GRM39CH100D50PT / MCH185A100DK	10pF	MURATA / ROHM	5 C6,20,23,80,82,16,
	Chip Capacitor (1608)	GRM39CH120D50PT / MCH185A120JK	12pF	MURATA / ROHM	1 C29
	Chip Capacitor (1608)	GRM39CH160D50PT / MCH185A160JK	16pF	MURATA / ROHM	1 C4
	Chip Capacitor (1608)	GRM39CH180D50PT / MCH185A180JK	18pF	MURATA / ROHM	1 C412
	Chip Capacitor (1608)	GRM39CH220D50PT / MCH185A220JK	22pF	MURATA / ROHM	5 C27,98,101,260,261
	Chip Capacitor (1608)	GRM39CH240D50PT / MCH185A240JK	24pF	MURATA / ROHM	1 C31
	Chip Capacitor (1608)	GRM39CH330J50PT / MCH185A330JK	33pF	MURATA / ROHM	1 C34
	Chip Capacitor (1608)	GRM39CH470J50PT / MCH185A470JK	47pF	MURATA / ROHM	7 C10,201,229,241,246,404,405
	Chip Capacitor (1608)	GRM39CH101J50PT / MCH185A101JK	100pF	MURATA / ROHM	9 C12,43,44,48,49,53,91,236,413
	Chip Capacitor (1608)	GRM39CH151J50PT / MCH185A151JK	150pF	MURATA / ROHM	1 C69
	Chip Capacitor (1608)	GRM39CH221J50PT / MCH185A221JK	220pF	MURATA / ROHM	2 C57,86
	Chip Capacitor (1608)	GRM39CH471J50PT / MCH185A471JK	470pF	MURATA / ROHM	3 C8,65,97
	Chip Capacitor (1608)	GRM39CH561J50PT / MCH185A561JK	560pF	MURATA / ROHM	2 C50,223
	Chip Capacitor (1608)	GRM39B102K50PT / MCH185C102KK	0.001uF	MURATA / ROHM	21 C1,9,14,19,21,22,28,30,32,33,39,40,76,103,204,220 C244,247,250,401,403
	Chip Capacitor (1608)	GRM39B182K50PT / MCH185C182KK	0.0018uF	MURATA / ROHM	1 C225
	Chip Capacitor (1608)	GRM39B332K50PT / MCH185C332KK	0.0033uF	MURATA / ROHM	1 C227
	Chip Capacitor (1608)	GRM39B472K50PT / MCH185C472KK	0.0047uF	MURATA / ROHM	3 C88,92,106
	Chip Capacitor (1608)	GRM39B682K50PT / MCH185C682KK	0.0068uF	MURATA / ROHM	1 C87
	Chip Capacitor (1608)	GRM39B103K50PT / MCH185CN103KK	0.01uF	MURATA / ROHM	27 C35,38,42,46,51,54,58,59,60,61,68,72,74,83,105,203 C205,206,208,214,215,226,239,240,242,251,255
	Chip Capacitor (1608)	GRM39B183K16PT / MCH183CN183KK	0.018uF	MURATA / ROHM	1 C219
	Chip Capacitor (1608)	GRM39B333K16PT / MCH183CN333KK	0.033uF	MURATA / ROHM	1 C221
	Chip Capacitor (1608)	GRM39B393K16PT / MCH183CN393KK	0.039uF	MURATA / ROHM	2 C212,213
	Chip Capacitor (1608)	GRM39B473K16PT / MCH183CN473KK	0.047uF	MURATA / ROHM	7 C45,47,55,56,202,211,217
	Chip Capacitor (1608)	GRM39B823K16PT / MCH183CN823KK	0.082uF	MURATA / ROHM	1 C222
	Chip Capacitor (1608)	GRM39B104K16PT / MCH183CN104KK	0.1uF	MURATA / ROHM	11 C62,64,66,70,73,79,85,90,94,207,228
	Chip Capacitor (1608)	GRM39B224K10PT / MCH184CN224KK	0.22uF	MURATA / ROHM	1 C95
	Chip Capacitor (1608)	GRM39B334K10PT / MCH184CN334KK	0.33uF	MURATA / ROHM	1 C218
	Chip Capacitor (1608)	GRM39B474K10PT / MCH184CN474KK	0.47uF	MURATA / ROHM	4 C256,257,258,259
	Chip Capacitor (1608)	GRM39B105K10PT / MCH184CN105KK	1uF	MURATA / ROHM	2 C89,224
	Chip Tantrum Cap	5S1A010630M0305B 10u / 6.3 (3 x 5)	10uF / 6.3V	1 C52	
	E-CAP	LZ1D0502R2M0305U 2.2u / 50 (3 x 5)	2.2uF / 50V YEC	1 C216	

Ref. No.	Description	Part No.	Manufacturer	QTY.	Location										
	E-CAP	5S1A0253R3M0305B 3.3u / 25 (3 x 5)	3.3uF / 25V YEC	1	C93										
	E-CAP	5S1A010630M0305B 10u / 6.3 (3 x 5)	10uF / 6.3V YEC	3	C67,71,77										
	E-CAP	5S1A010100M0305B 10u / 10 (3 x 5)	10uF / 10V YEC	3	C15,235,406										
	E-CAP	5S1A4R0330M0305B 33u / 4 (3 x 5)	33uF / 4V YEC	1	C248										
	E-CAP	5S1A010101M0605B 100u / 10 (6.3 x 5)	100uF / 10V YEC	3	C232,237,245										
	Chip Trimming Cap.	ECRKN006	6p Matsushita/OTHER	1	C81										
	Chip Resistor (1608)	ERJ3GEY0R00V	0 Matsushita	8	R3,39,42,43,53,249,262,273										
	Chip Resistor (1608)	ERJ3GEYJ100V	10 Matsushita	4	R6,18,401,403										
	Chip Resistor (1608)	ERJ3GEYJ470V	47 Matsushita	2	R17,242										
	Chip Resistor (1608)	ERJ3GEYJ101V	100 Matsushita	1	R278										
	Chip Resistor (1608)	ERJ3GEYJ151V	150 Matsushita	1	R1										
	Chip Resistor (1608)	ERJ3GEY271V	270 Matsushita	3	R21,259,260										
	Chip Resistor (1608)	ERJ3GEY331V	330 Matsushita	2	R28,406										
	Chip Resistor (1608)	ERJ3GEY471V	470 Matsushita	3	R26,62,248										
	Chip Resistor (1608)	ERJ3GEY561V	560 Matsushita	1	R22										
	Chip Resistor (1608)	ERJ3GEY821V	820 Matsushita	1	R23										
	Chip Resistor (1608)	ERJ3GEY102V	1K Matsushita	8	R25,54,55,56,203,245,277,408										
	Chip Resistor (1608)	ERJ3GEY122V	1.2K Matsushita	1	R409										
	Chip Resistor (1608)	ERJ3GEY152V	1.5K Matsushita	4	R5,19,59,205										
	Chip Resistor (1608)	ERJ3GEY222V	2.2K Matsushita	8	R9,10,11,201,212,215,258,276										
	Chip Resistor (1608)	ERJ3GEY332V	3.3K Matsushita	2	R32,404										
	Chip Resistor (1608)	ERJ3GEY392V	3.9K Matsushita	3	R8,60,218										
	Chip Resistor (1608)	ERJ3GEY472V	4.7K Matsushita	6	R4,50,208,214,257,405										
	Chip Resistor (1608)	ERJ3GEY562V	5.6K Matsushita	1	R47										
	Chip Resistor (1608)	ERJ3GEY822V	8.2K Matsushita	1	R7										
	Chip Resistor (1608)	ERJ3GEY103V	10K Matsushita	11	R31,38,52,58,206,217,220,236,243,244,407										
	Chip Resistor (1608)	ERJ3GEY123V	12K Matsushita	1	R29										
	Chip Resistor (1608)	ERJ3GEY183V	18K Matsushita	1	R15										
	Chip Resistor (1608)	ERJ3GEY223V	22K Matsushita	5	R49,204,207,213,234										
	Chip Resistor (1608)	ERJ3GEY273V	27K Matsushita	1	R40										
	Chip Resistor (1608)	ERJ3GEY393V	39K Matsushita	1	R202										
	Chip Resistor (1608)	ERJ3GEY473V	47K Matsushita	9	R27,44,45,46,219,229,235,237,263										
	Chip Resistor (1608)	ERJ3GEY683V	68K Matsushita	2	R33,57										
	Chip Resistor (1608)	ERJ3GEY823V	82K Matsushita	1	R402										
	Chip Resistor (1608)	ERJ3GEY104V	100K Matsushita	18	R34,35,36,41,48,209,211,221,225,226,230,231,232, R233,253,264,270,272										
	Chip Resistor (1608)	ERJ3GEY154V	150K Matsushita	6	R20,24,222,223,224,238										

Ref. No.	Description	Part No.	Manufacturer	Q'TY.	Location								
	Chip Resistor (1608)	ERJ3GEY224V	220K Matsushita	7	R37,210,227,228,251,254,265								
	Chip Resistor (1608)	ERJ3GEY274V	270K Matsushita	1	R252								
	Chip Resistor (1608)	ERJ3GEY334V	330K Matsushita	2	R216,247								
	Chip Resistor (1608)	ERJ3GEY394V	390K Matsushita	1	R266								
	Chip Resistor (1608)	ERJ3GEY474V	470K Matsushita	5	R51,246,250,255,256								
	Chip Resistor (1608)	ERJ3GEY684V	680K Matsushita	2	R30,410								
	Chip Resistor (1608)	ERJ3GEY105V	1M Matsushita	1	R261								
	Chip Resistor Array	MNR14E0103J	10K ROHM	1	R269								
	Chip Resistor Array	MNR14E0104J	100K ROHM	1	R268								
	Semifixed Resistor	MVR34HXB RN103	10K ROHM	2	VR2,201								
	Semifixed Resistor	MVR34HXB RN473	47K ROHM	1	VR1								
	Chip Coil	FLM16081R0K	1uH King Corre	2	L4,19								
		FI-B1608-102	1uH CTC	0									
	Chip Coil	FLM16081R5K	1.5uH King Corre	1	L18								
		FI-B1608-152	1.5uH CTC	0									
	Chip Coil		4.7nH MATSUTA / CTC	1	L20								
	Chip Coil	0603-10NJ / CI-B1608-100KJ	10n MATSUTA / CTC	1	L15								
	Chip Coil	0603-22NJ / CI-B1608-220KJ	22n MATSUTA / CTC	1	L401								
	Chip Coil	0603-27NJ / CI-B1608-270KJ	27n MATSUTA / CTC	2	L14,16								
	Chip Coil	0603-47NJ / CI-B1608-470KJ	47n MATSUTA / CTC	1	L17								
	Chip Coil	3t (451403L)	3t GOLDCHEM	8	L1,2,3,5,6,7,9,402								
	Chip Coil	4t (351604)	4t GOLDCHEM	2	L10,11								
	Chip Diode		Toshiba	1	Q3								
	Chip Diode		ROHM	2	Q1,2								
	Chip Diode		ROHM	1	Q8								
	Chip Diode		ROHM	1	Q206								
	Varicap Diode		Matsushita/Toshiba	1	Q404								
	Transistor		ROHM	2	Q219,221								
	Transistor		NEC	7	Q6,7,9,10,11,401,402								
	Transistor		Matsushita/ROHM	9	Q15,201,202,203,208,209,216,217,403								
	Transistor		KEC	1	Q12								
	FET			1	Q4								
	Digital Transistor		ROHM	2	Q220,222								
	Digital Transistor		ROHM	5	Q14,204,213,218,226								
	IC		Matsushita	1	Q13								
	IC		ROHM	1	Q205								
	IC		ROHM	1	Q212								

Ref. No.	Description	Part No.	Manufacturer	Q'TY.	Location						
	IC (Audio)		Toshiba	1	Q211						
	IC		Toshiba	1	Q207						
	IC (CPU)		NEC	1	Q223						
	IC (REG.)		Torex	1	Q215						
	EEPROM			1	Q224						
	XTAL (PLL REF)	S-21.250-10-102.5	ITTI	1	X2						
	XTAL	SQO-2003(4MHz)	UNIDEN	1	X201						
	Ceramic Disc	JTBM450C24	CHEQUERS	1	X1						
	Ceramic Filter	LTWM450GW	CHEQUERS	1	F3						
	SAW-FILTER	465MHz RSF-465.00-3000-F-SMD	Raltron	1	F1						
	XTAL Filter	21UBA-21.700	Raltron	1	F2						
	Speaker	283A7BO-28-020(B)	Ruputcon	1	E201						
	MIC	CZ034CP	RINGFORD	1	E202						
	LED	EL-19-2 / VGC	EVERLIGHT	5	LED201,202,203,204,205						
	LCD1	MA-322	MAREN TECH	1	LCD1						
	Jack	SJ-09D-C1-B	YAT CHAN	1	J201						
	Header 2Pin	052211S-02GNT	Coulomb	1	J1						
	Antena			1	ANT1						
	PCB	MAIN PCB (FRS220)		1	P1						