

Ref. No.	Description	Part No.	Manufacturer	QTY.	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														

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	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									

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	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										

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	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								