

Ref. No.	Description	Part No.		Q'TY.	Location								
	Chip Capacitor (1608)	GRM39CK0R5C50PT / MCH185A0R5CK	0.5pF	4	C13,410,411,412								
	Chip Capacitor (1608)	GRM39CK010C50PT / MCH185A010CK	1pF	2	C80,86								
	Chip Capacitor (1608)	GRM39CK1R5C50PT / MCH185A1R5CK	1.5pF	3	C7,58,402								
	Chip Capacitor (1608)	GRM39CJ030C50PT / MCH185A030CK	3pF	9	C3,5,10,17,19,59,69,70,88								
	Chip Capacitor (1608)	GRM39CH040C50PT / MCH185A040CK	4pF	1	C409								
	Chip Capacitor (1608)	GRM39CH050C50PT / MCH185A050CK	5pF	4	C8,16,71,408								
			6pF	1	C75								
	Chip Capacitor (1608)	GRM39CH080C50PT / MCH185A080DK	8pF	4	C2,67,77,407								
	Chip Capacitor (1608)	GRM39CH100D50PT / MCH185A100DK	10pF	4	C4,6,68,87								
	Chip Capacitor (1608)	GRM39CH120D50PT / MCH185A120JK	12pF	1	C413								
	Chip Capacitor (1608)	GRM39CH150D50PT / MCH185A150JK	15pF	1	C56								
	Chip Capacitor (1608)	GRM39CH220J50PT / MCH185A220JK	22pF	6	C9,21,79,286,287,709								
	Chip Capacitor (1608)	GRM39CH240J50PT / MCH185A240JK	24pF	1	C23								
	Chip Capacitor (1608)	GRM39CH270J50PT / MCH185A270JK	27pF	1	C708								
	Chip Capacitor (1608)	GRM39CH330J50PT / MCH185A330JK	33pF	3	C27,82,83								
	Chip Capacitor (1608)	GRM39CH470J50PT / MCH185A470JK	47pF	12	C15,24,61,81,85,201,226,240,264,270,404,405								
	Chip Capacitor (1608)	GRM39CH101J50PT / MCH185A101JK	100pF	6	C12,18,36,55,65,261								
	Chip Capacitor (1608)	GRM39CH221J50PT / MCH185A221JK	220pF	3	C43,44,222								
	Chip Capacitor (1608)	GRM39CH471J50PT / MCH185A471JK	470pF	3	C11,49,89								
	Chip Capacitor (1608)	GRM39CH561J50PT / MCH185A561JK	560pF	1	C252								
	Chip Capacitor (1608)	GRM39B102K50PT / MCH185C102KK	0.001uF	28	C1,14,22,25,26,32,33,37,46,51,52,54,60,62,63,64,72,73								
					74,84,91,230,250,268,271,278,403,801,802								
	Chip Capacitor (1608)	GRM39B182K50PT / MCH185CN182KK	0.0018uF	1	C255								
	Chip Capacitor (1608)	GRM39B332K50PT / MCH185C332KK	0.0033uF	1	C257								
	Chip Capacitor (1608)	GRM39B472K50PT / MCH185C472KK	0.0047uF	1	C92,220,233								
	Chip Capacitor (1608)	GRM39B682K50PT / MCH185C682KK	0.0068uF	1	C221								
	Chip Capacitor (1608)	GRM39B103K50PT / MCH185CN103KK	0.01uF	14	C28,31,47,214,215,230,232,241,245,256,265,276,289								
					C707								
	Chip Capacitor (1608)	GRM39B153K50PT / MCH185CN153KK	0.015uF	1	C206								
	Chip Capacitor (1608)	GRM39B183K50PT / MCH185CN183KK	0.018uF	1	C249								
	Chip Capacitor (1608)	GRM39B223K50PT / MCH185CN223KK	0.022uF	1	C20								
	Chip Capacitor (1608)	GRM39B333K50PT / MCH185CN333KK	0.033uF	1	C251								
	Chip Capacitor (1608)	GRM39B393K50PT / MCH185CN393KK	0.039uF	3	C242,243,244								
	Chip Capacitor (1608)	GRM39B473K16PT / MCH183CN473KK	0.047uF	4	C202,205,216,231,								
	Chip Capacitor (1608)	GRM39B823K16PT / MCH183CN823KK	0.082uF	1	C253								
	Chip Capacitor (1608)	GRM39B104K16PT / MCH183CN104KK	0.1uF(B)	12	C34,35,45,94,208,217,219,225,227,228,248,258								
	Chip Capacitor (1608)	GRM39F104Z25PT	0.1uF(F)	5	C38,90,239,279,401								
	Chip Capacitor (1608)	GRM39B224K10PT / MCH184CN224KK	0.22uF	1	C95								
	Chip Capacitor (1608)	GRM39F334K10PT	0.33uF	2	C223,247								
	Chip Capacitor (1608)	GRM39F105K10PT	1uF	5	C40,203,218,224,254								

Ref. No.	Description	Part No.		Q'TY.	Location								
	Chip Tantalum Cap.	1uF/16V		0									
	Chip Tantalum Cap.	1uF/50V		0									
	Chip Tantalum Cap.	2.2uF/6.3V		1	C246								
	Chip Tantalum Cap.	3.3uF/4V		1	C93								
	Chip Tantalum Cap.	4.7uF/6.3V		2	C213,229								
	Chip Tantalum Cap.	10uF/4V		2	C260,406								
	Chip Tantalum Cap.	TMCMA0G336MTR	33uF / 4V	3	C48,272,273								
		NRA336M04R8	33uF / 4V	0									
	Electro Cap.	10uF/16V		1	C53								
	Electro Cap.	10REV100M6.3x5.5	100uF / 16V	7	C269,274,702,703,704,705,706								
	Electro Cap.	6.3REV100M5x5.5	100uF / 6.3V	1	C262								
	Chip Resistor (1608)	ERJ3GEY0R00V	0	8	R26,52,53,64,284,312,703,704								
	Chip Resistor (1608)	ERJ3GEYJ100V	10	3	R44,401,403								
	Chip Resistor (1608)	ERJ3GEYJ180V	18	1	R47								
	Chip Resistor (1608)	ERJ3GEYJ470V	47	1	R285								
	Chip Resistor (1608)	ERJ3GEYJ101V	100	4	R5,8,41,61								
	Chip Resistor (1608)	ERJ3GEYJ151V	150	3	R13,14,45								
	Chip Resistor (1608)	ERJ3GEYJ221V	220	1	R241								
	Chip Resistor (1608)	ERJ3GEY271V	270	6	R17,46,48,307,308,405								
	Chip Resistor (1608)	ERJ3GEY331V	330	1	R10								
	Chip Resistor (1608)	ERJ3GEY471V	470	7	R22,40,50,245,252,287,288								
	Chip Resistor (1608)	ERJ3GEY561V	560	1	R18								
	Chip Resistor (1608)	ERJ3GEY821V	820	1	R19								
	Chip Resistor (1608)	ERJ3GEY102V	1K	12	R21,39,43,65,66,67,218,240,244,251,296,707								
	Chip Resistor (1608)	ERJ3GEY122V	1.2K	1	R409								
	Chip Resistor (1608)	ERJ3GEY152V	1.5K	6	R24,42,49,55,221,225								
	Chip Resistor (1608)	ERJ3GEY222V	2.2K	14	R1,2,3,6,9,31,51,202,239,242,243,258,261,300								
	Chip Resistor (1608)	ERJ3GEY332V	3.3K	4	R15,260,298,404								
	Chip Resistor (1608)	ERJ3GEY392V	3.9K	2	R57,265								
	Chip Resistor (1608)	ERJ3GEY472V	4.7K	9	R54,58,219,226,227,238,266,303,408								
	Chip Resistor (1608)	ERJ3GEY682V	6.8K	1	R229								
	Chip Resistor (1608)	ERJ3GEY822V	8.2K	1	R56								
	Chip Resistor (1608)	ERJ3GEY103V	10K	24	R33,38,59,204,205,211,212,222,224,228,232,248								
					R249,250,263,294,295,304,406,411,706,708,713,801								
	Chip Resistor (1608)	ERJ3GEY223V	22K	10	R28,29,60,203,220,223,237,259,279,305								
	Chip Resistor (1608)	ERJ3GEY333V	33K	3	R63,216,317								
	Chip Resistor (1608)	ERJ3GEY393V	39K	2	R217,306								
	Chip Resistor (1608)	ERJ3GEY473V	47K	13	R23,230,231,233,247,264,275,280,282,322,410,701								
					R702								

Ref. No.	Description	Part No.		Q'TY.	Location								
	Chip Resistor (1608)	ERJ3GEY683V	68K	4	R215,299,316,327								
	Chip Resistor (1608)	ERJ3GEY823V	82K	2	R7,R402								
	Chip Resistor (1608)	ERJ3GEY104V	100K	28	R25,27,207,210,214,235,236,270,271,274,276,277								
					R278,297,309,310,311,313,325,326,328,407,705,709								
					R710,711,712,802								
	Chip Resistor (1608)	ERJ3GEY124V	120K	1	R12								
	Chip Resistor (1608)	ERJ3GEY154V	150K	10	R16,20,62,208,213,267,268,269,283,315								
	Chip Resistor (1608)	ERJ3GEY224V	220K	6	R247,272,273,302,324								
	Chip Resistor (1608)	ERJ3GEY274V	270K	1	R30								
	Chip Resistor (1608)	ERJ3GEY334V	330K	3	R32,262,323								
	Chip Resistor (1608)	ERJ3GEY474V	470K	2	R4,234								
	Chip Resistor (1608)	ERJ3GEY105V	1M	1	R314								
	Chip Resistor (2012)		2.2	4	R34,35,36,37								
	Chip Resistor (3225)	ERJ14YJ270V	27	1	R286								
	Semifixed Resistor	MVR34HXBRN102	1K	1	VR2								
	Semifixed Resistor	MVR34HXBRN103	10K	2	VR201,202								
	Semifixed Resistor	MVR34HXBRN473	47K	1	VR1								
	Chip Resistor Array	MNR14E0104J	100k	2	R318,319								
	Chip Coil	FLM1608R56K	0.56uH	1	L10								
		FI-A1608-561	0.56uH	0									
	Chip Coil(2012)	SWI 0805T-R10J	100n	1	L01								
	Chip Coil	FLM16081R0K or FI-B1608-102	1uH	3	L18,L701,L702								
		FI-B1608-102	1uH	0									
	Chip Coil	FLM16081R5K	1.5uH	1	L12								
		FI-B1608-152	1.5uH	0									
	Chip Coil	0603-10NJ / CI-B1608-100KJ	10n	1	L9								
	Chip Coil	0603-12NJ / CI-B1608-120KJ	12n	2	L6,401								
	Chip Coil	0603-22NJ / CI-B1608-220KJ	22n	1	L22								
	Chip Coil	0603-33NJ / CI-B1608-330KJ	33n	1	L7								
	Chip Coil	0603-39NJ / CI-B1608-390KJ	39n	1	L5								
	Chip Coil	0603-47NJ / CI-B1608-470KJ	47n	1	L11								
	Chip Coil	3t (451403L)	3t	9	L1,2,3,4,14,15,19,21,402								
	Chip Coil	4t (351607)	4t	1	L13								
	Chip Coil	4t (351604)	4t	1	L20								

Ref. No.	Description	Part No.		Q'TY.	Location										
	Chip Coil	4t (451404)	4t	2	L16,17										
	IC	IMZ-4		2	Q244,706										
	PA			1	Q17										
	IC(Audio)			1	Q702										
	Chip Diode	1SR154-400		2	Q232,235										
	Chip Diode	1SS302		1	Q3										
	Chip Diode	1SS356		2	Q4,Q01										
	Chip Diode	DA204U		2	Q227,803										
	Chip Diode	DAN235U		2	Q2,6										
	Chip Diode	MA728		3	Q207,208,257										
	Chip Diode	MA729		1	Q243										
	Varicap Diode	1SV214		1	Q21										
	Varicap Diode	1SV279		2	Q404,405										
	Transistor	2SA1774/R		1	Q15										
	Transistor	2SB798		1	Q801										
	Transistor	2SB815(6) or 2SA1036K		1	Q249										
	Transistor	2SC2954		1	Q18										
	Transistor	2SC4215/Y		2	Q10,14										
	Transistor	2SC4226 (R24)		5	Q5,19,20,23,402										
	Transistor	2SC4617/R		13	Q16,202,210,211,212,213,214,215,221,229,230										
					Q403,802										
	Transistor	2SC5066/O		4	Q7,8,9,401										
	FET	2SK2009		5	Q222,255,703,707,708										
	Digital Transistor	DTA114TE		6	Q241,247,248,251,701,704										
	Digital Transistor	DTC114TE		20	Q12,13,204,205,206,216,217,218,219,220,233,234										
					Q236,256,258,705,709,710,712,713										
	IC (OP AMP)	BA10324AFV		1	Q226										
	IC (PLL)			1	Q22										
	IC (CPU)			1	Q253										
	IC (Audio)			1	Q231										
	IC (IF)			1	Q11										
	IC (OP AMP)			2	Q201,228										
	Chip Diode			1	Q1										
	IC (RESET)			1	Q246										
	IC (REG.)			1	Q242										
	EEP ROM			1	Q252										
	X'TAL	SQO-2003 (4MHz)		1	X201										
	X'TAL (PLL REF)	SQO-2006 (21.25MHz)		1	X2										
	Ceramic Disc	JTBM450C24		1	X1										

Ref. No.	Description	Part No.		QTY.	Location						
	SAW Filter	CQSF465AS		1	F1						
	Ceramic Filter	LTM450GW		1	F3						
	X'TAL Filter	UMF-7182(21.7MHz)		1	F2						
	SLIDE SW	SK1225RGY(N)		1	S211						
	Tact Switch	TC-SMD02N		0							
	Speaker	SP-201714		1	E201						
	MIC	CZ034CP		1	E202						
	LCD	MA-324		1	LCD1						
	LED	EL-19-2 / VGC		4	LED201,202,203,204						
	JACK(SPK/MIC)	ST-171-03		1	J201						
	LED	KPB-3025		1	LED205						
	DC Jack	TC18-077-01		1	J202						
	Connector	GB080-20S-H25-SD-B		1	JO1						
	Antena	ANT		1	ANT1						
	PCB	MAIN PCB(GMRS-1000)		1							
	PCB	PTT PCB(GMRS-1000)		1							

Ref. No.	Description	Part No.		QTY.	Location										
	Chip Tantalum Cap.		0.047uF	1	CO218										
	Chip Tantalum Cap.		0.22uF	1	CO217										
	Chip Tantalum Cap.		3.3uF	1	CO219										
	Chip Tantalum Cap.		4.7uF	1	CO214										
	Chip Tantalum Cap.		10uF	1	CO225										
	Chip Tantalum Cap.		22uF	1	CO235										
	Chip Tantalum Cap.			2	CO116,203										
	Chip Resistor (1608)	ERJ3GEY0R00V	0	1	RO212										
	Chip Resistor (1608)	ERJ3GEY0R100V	10	4	RO101,104,209,210										
	Chip Resistor (1608)	ERJ3GEYJ101V	100	2	RO307,309										
	Chip Resistor (1608)	ERJ3GEYJ151V	150	1	RO302										
	Chip Resistor (1608)	ERJ3GEY271V	270	1	RO304										
	Chip Resistor (1608)	ERJ3GEY331V	330	1	RO103										
	Chip Resistor (1608)	ERJ3GEY471V	470	2	RO219,306										
	Chip Resistor (1608)	ERJ3GEY102V	1K	3	RO322,326,328										
	Chip Resistor (1608)	ERJ3GEY152V	1.5K	1	RO313										
	Chip Resistor (1608)	ERJ3GEY182V	1.8K	1	RO317										
	Chip Resistor (1608)	ERJ3GEY222V	2.2K	1	RO311										
	Chip Resistor (1608)	ERJ3GEY332V	3.3K	2	RO105,211										
	Chip Resistor (1608)	ERJ3GEY392V	3.9K	1	RO318										
	Chip Resistor (1608)	ERJ3GEY472V	4.7K	1	RO106										
	Chip Resistor (1608)	ERJ3GEY682V	6.8K	1	RO320										
	Chip Resistor (1608)	ERJ3GEY103V	10K	8	RO107,216,217,316,324,325,327,332										
	Chip Resistor (1608)	ERJ3GEY183V	18K	1	RO336										
	Chip Resistor (1608)	ERJ3GEY473V	47K	3	RO314,329,330										
	Chip Resistor (1608)	ERJ3GEY683V	68K	2	RO315,335										
	Chip Resistor (1608)	ERJ3GEY823V	82K	1	RO102										
	Chip Resistor (1608)	ERJ3GEY104V	100K	7	RO108,109,207,208,215,323,334										
	Chip Resistor (1608)	ERJ3GEY124V	120K	1	RO301										
	Chip Resistor (1608)	ERJ3GEY154V	150K	4	RO303,305,308,319										
	Chip Resistor (1608)	ERJ3GEY224V	220K	2	RO214,218										
	Chip Resistor (1608)	ERJ3GEY334V	330K	1	RO312										
	Chip Resistor (1608)	ERJ3GEY474V	470K	2	RO310,331										
	Chip Resistor (1608)	ERJ3GEY564V	560K	1	RO333										
	Chip Resistor (1608)	ERJ3GEY105V	1M	1	RO321										
	Semifixed Resistor	MVR34HXBRN502	5k	1	VRO301										
	Chip Coil	FLM16081R5K	1.5uH	3	LO207,304,305										
		FI-B1608-152	1.5uH	0											
	Chip Coil	0603-47NJ / CI-B1608-470KJ	47n	6	LO301,302,303,306,307,308										

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