

QTY	Part Designation	Man	PART No (manuf.)	PART No (Autostart)	PART DESCRIPTION	COMMENTS	SUPPLIER	UNIT COST	TOTAL COST	LEAD TIME
2	C1,11	Murata	GRM39COG100J050AD		10 pF					
5	C3,4,5,6,8		GRM39X7R103K050AD		1 nF					
2	C7,36		GRM39COG2R2D050AD		2.2 pF					
1	C9		GRM39COG3R3D050AD		3.3 pF					
5	R1,5,C2,10,45				OMIT					
3	C12,23,37		GRM39COG220J050AD		22 pF					
2	C13,20		GRM39COG331J050AD		330pF					
1	C15		GRM40COG470F050AD		47pF 1% 0805					
2	C16,39		GRM40Y5V104Z050AD		0.1uF Cap NP 0805					
3	C17,18,25		GRM39X7R103K050AD		0.01uF NP 0603					
2	C19,22		GRM39COG390J050AD		39pF					
1	C21		GRM39COG271J050AD		270pF					
2	C24,38	Sprague	293D105X9020A2T		1uF, 20V A2 Size					
3	C27,30,41	Murata	GRM39COG101J050AD		100pF					
3	C28,31,35		GRM39COG120J050AD		12 pF					
1	C29		GRM39COG0R5D050AD		0.50 pF					
1	C32		GRM39X7R153K050AD		1500pF					
1	C34		GRM39COG181J050AD		180pF					
2	C42,43		OMIT		OMIT, 1uF, TantCapThru Hole					
1	C44		GRM39COG4R7D050AD		4.7pF					
1	C33		GRM39Y5V104Z016AD		0.1uF Cap NP 0603					
1	D1	Motorola	MMBV3401		Pin Diode	Philips/Siemens	Sub. BAT18			
1	D2	Motorola	MMBV809LT3		Varactor Diode					
1	FLT1	Murata	SFE107MS2		Filter 10.7MHz180KHzBW	Also Abundance	LT10.7MS3			
							\$0.07			
1	J1	JST	S 5B-PH-K		Header RT Angle ,5 Pin,.079"					
2	L1,2	CoilCraft	1008CS680XKBC		68nH					
1	L3	Murata	LQP21A33NG14M00		33nH					
1	L4		LQN21AR22J04		220nH					
1	L5		LQN21A47NJ04		47nH					
1	L6		LQH1N4R7J04M00		4.7uH, 5%					
1	L7		LQP21A82NG14M00		82nH					
1	L8		LQP21A56NG14M00		56nH					
1	L10	Murara	LQN21A33NJ04		33nH					
2	Q1,2	Siemens	BFR92A		Transistor NPN, RF	Siemens,Philips				
1	Q3	Motorola	MMBTH10LT1		Transistor, NPN					
2	R2,3	Any	330, 5%, 0603		330, 5%, 0603					
1	R9		47, 5%, 0603		47, 5%, 0603					
2	R4,25		330K		330K, 5%, 0603					
2	R6,11		1K		1K, 5%, 0603					
1	R7		33K		33K, 5%, 0603					
1	R8		22K		22K, 5%, 0603					
1	R12		390		390, 5%, 0603					

AUTOSTART
FCC ID : NAHCAM304
JOB # : 350AU0

EXHIBIT # : 3A

QTY	Part Designation	Man	Board Issue 1.00 PART No (manuf.)	PL Issue CAM_03 PART No (Autostart)	18-Aug-00 PART DESCRIPTION	2-Way AM Tx/Rx CAR COMMENTS	CAROOK304 SUPPLIER	303.825M Hz UNIT COST	Car TOTAL COST	LEAD TIME
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3	R13,14,24		100K		100K, 5%, 0603					
1	R15		100		100, 5%, 0603					
2	R16,17		4.7K		4.7K, 5%, 0603					
5	R18,19,20,22,R23		10K		10K, 5%, 0603					
1	R21		220		220, 5%, 0603					
1	R10		47K		47K, 5%, 0603					
1	U1		KESRX04C		KESRX04/C/IG/QP1T					
1	U2		LM2904D		LM2904D, SMT, SO8					

1	Y1	RF	RO2104A		SAW, 303.825MHz., SMT					
1	Y2	Monolithics Abundance	4.91450MHz		Crystal, See Spec.	Also Baknor				

1			CAM-01		Circuit Board, Issue 1					
2			1/16 Inch Dia.Cu. Clad Steel		Antenna Wire	5.1875 inches +/- 1/16 inch				

1					Case Top					
1					Case Bottom					
2					Screw					
2					Nipples					
2					Shrink Tube, 4.8 Inches					

CAM02 PL
CAM03 PL

AUTOSTART
FCC ID : NAHCAM304
JOB # : 350AU0

EXHIBIT # : 3B

TOTAL