

Project Information

Project Number: 090195
Project Name: RD Narrow Band Radio
Project Engineer: Richard Sanders

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Assembly Information

Assembly Number: **1001005-511** Revision **C2**
Assembly Description: **PCA RA1001 NB 450-470MHz 12.5k**
Schematic Technical Lead: Mark Wright

Obsolescence:

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Sorted By Item Group

Device	Qty	Description	Manufacturer	Part Number			
9000486	5	RESISTOR SMT 0402 63MW 5K62 1%		VISHAY	CRCW04025621F?		
				AVX	CR05-5621F-?		
		Process Code:	CMP	BAAN Description Line 1:	RES SMT 0402 1/16W 5K62 OHM 1%	KOA	RM73H1E?5621F
		Product Type:	XE0	BAAN Description Line 2:		ROHM	MCRO1?F5621
		Item Group	203			PANASONIC	ERJ2RKF5621?
		Reference Designators:	R158, R224, R225, R226, R231		SAMSUNG	RC1005F5621?	
97248	2	RESISTOR SMT 0402 63MW 100R 1%		VISHAY	CRCW04021000F?		
				AVX	CR05-1000F-?		
		Process Code:	UND	BAAN Description Line 1:	RES SMT 0402 1/16W 100 OHM 1%	KOA	RM73H1E?1000F
		Product Type:	UND	BAAN Description Line 2:		ROHM	MCRO1?F1000
		Item Group	203			PANASONIC	ERJ2RKF101?
		Reference Designators:	R244, R245		SAMSUNG	RC1005F1000?	
97453	9	RESISTOR SMT 0402 63MW 0R0 JUMPER		VISHAY	CRCW0402000?		
				AVX	CJ05-000-?		
		Process Code:	UND	BAAN Description Line 1:	RES SMT 0402 1/16W 0R0 OHM	KOA	RK73Z1E?
		Product Type:	UND	BAAN Description Line 2:		ROHM	MCR01?J000
		Item Group	203			PANASONIC	ERJ2GEYOR00?
		Reference Designators:	R16, R199, R202, R204, R218, R261, R262, R268, R35		SAMSUNG	RC1005J000?	
97274	2	RESISTOR SMT 0402 63MW 1K20 1%		VISHAY	CRCW04021201F?		
				AVX	CR05-1201F-?		
		Process Code:	UND	BAAN Description Line 1:	RES SMT 0402 1/16W 1K20 OHM 1%	KOA	RM73H1E?1201F
		Product Type:	UND	BAAN Description Line 2:		ROHM	MCRO1?F1201
		Item Group	203			PANASONIC	ERJ2RKF122?
		Reference Designators:	R172, R185		SAMSUNG	RC1005F1201?	
9004338	3	FIL EMI PI 150MHZ SMT 0603-3		MURATA	NFL18SP157X1A3		
				MURATA	NFL18SP157X1C3		
		Process Code:	UND	BAAN Description Line 1:	FIL EMI PI 150MHZ SMT 0603-3		
		Product Type:	XE0	BAAN Description Line 2:			
		Item Group	203				
		Reference Designators:	L58, L59, L61				
97281	2	RESISTOR SMT 0402 63MW 2K40 1%		VISHAY	CRCW04022401F?		
				AVX	CR05-2401F-?		
		Process Code:	UND	BAAN Description Line 1:	RES SMT 0402 1/16W 2K40 OHM 1%	KOA	RM73H1E?2401F
		Product Type:	UND	BAAN Description Line 2:		ROHM	MCRO1?F2401
		Item Group	203			PANASONIC	ERJ2RKF242?
		Reference Designators:	R15, R36		SAMSUNG	RC1005F2401?	

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Device	Qty	Description	Manufacturer	Part Number
97284	1	RESISTOR SMT 0402 63MW 3K30 1%	VISHAY	CRCW04023301F?
			KOA	RM73H1E?3301F
		Process Code: UND BAAN Description Line 1: RES SMT 0402 1/16W 3K30 OHM 1%	ROHM	MCRO1?F3301
		Product Type: UND BAAN Description Line 2:	PANASONIC	ERJ2RKF332?
		Item Group 203	SAMSUNG	RC1005F3301?
		Reference Designators: R61		
97288	3	RESISTOR SMT 0402 63MW 4K70 1%	VISHAY	CRCW04024701F?
			AVX	CR05-4701F-?
		Process Code: UND BAAN Description Line 1: RES SMT 0402 1/16W 4K70 OHM 1%	KOA	RM73H1E?4701F
		Product Type: UND BAAN Description Line 2:	ROHM	MCRO1?F4701
		Item Group 203	PANASONIC	ERJ2RKF472?
		Reference Designators: R119, R144, R194	SAMSUNG	RC1005F4701?
9004337	1	RESISTOR SMT 0402 1/16W 56K2 1%	PANASONIC	ERJ-2RKF5622X
		Process Code: UND BAAN Description Line 1: RES SMT 0402 1/16W 56K2 OHM 1%		
		Product Type: UND BAAN Description Line 2:		
		Item Group 203		
		Reference Designators: R236		
97296	14	RESISTOR SMT 0402 63MW 10K0 1%	VISHAY	CRCW04021002F?
			AVX	CR05-1002F-?
		Process Code: UND BAAN Description Line 1: RES SMT 0402 1/16W 10K0 OHM 1%	KOA	RM73H1E?1002F
		Product Type: UND BAAN Description Line 2:	ROHM	MCRO1?F1002
		Item Group 203	PANASONIC	ERJ2RKF103?
		Reference Designators: R134, R152, R153, R155, R227, R228, R229, R233, R252, R253, R257, R258, R31, R33	SAMSUNG	RC1005F1002?
97258	2	RESISTOR SMT 0402 63MW 271R 1%	VISHAY	CRCW04022700F?
			AVX	CR05-2700F-?
		Process Code: UND BAAN Description Line 1: RES SMT 0402 1/16W 270 OHM 1%	KOA	RM73H1E?2700F
		Product Type: UND BAAN Description Line 2:	ROHM	MCRO1?F2700
		Item Group 203	PANASONIC	ERJ2RKF271?
		Reference Designators: R10, R209	SAMSUNG	RC1005F2700?
97297	1	RESISTOR SMT 0402 63MW 11K0 1%	VISHAY	CRCW04021102F?
			AVX	CR05-1102F-?
		Process Code: UND BAAN Description Line 1: RES SMT 0402 1/16W 11K0 OHM 1%	KOA	RM73H1E?1102F
		Product Type: UND BAAN Description Line 2:	ROHM	MCRO1?F1102
		Item Group 203	PANASONIC	ERJ2RKF113?
		Reference Designators: R157	SAMSUNG	RC1005F1102?

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Device	Qty	Description	Manufacturer	Part Number
97232	4	RESISTOR SMT 0402 63MW 22R1 1%	VISHAY	CRCW040222R1F?
			AVX KYOCERA	CR05-22R1F-?
		Process Code: CMP	KOA	RK73H1E?22R1F
		Product Type: XE0	ROHM	MCR01?F22R1
		Item Group: A00	SAMSUNG	RC1005F22R1?
		Reference Designators: R248, R249, R250, R251		
9004373	2	RESISTOR SMT 0402 63MW 39R2 1%	PANASONIC	ERJ2RKF39R2X
			KOA SPEER	RK73H1ELT?39R2F
		Process Code: CMP	ROHM	MCR01MZSF39R2
		Product Type: XE0		
		Item Group: A00		
		Reference Designators: R193, R208		
9004369	1	RESISTOR SMT 0402 63MW 2K00 1%	PANASONIC	ERJ2RKF2001X
			KOA SPEER	RK73H1ELT?2001F
		Process Code: CMP	ROHM	MCR01MZSF2001
		Product Type: XE0		
		Item Group: A00		
		Reference Designators: R66		
9004368	1	RESISTOR SMT 0402 63MW 604R 1%	PANASONIC	ERJ2RKF6040X
			KOA SPEER	RK73H1ELT?6040F
		Process Code: CMP	ROHM	MCR01MZSF6040
		Product Type: XE0		
		Item Group: A00		
		Reference Designators: R196		
9004336	1	THERM NTC 10K SMT 0402	MURATA	NCP15XH103J03RC
			MURATA	NCP15XH103F03RC
		Process Code: UND		
		Product Type: UND		
		Item Group: A00		
		Reference Designators: F1		
9004327	1	CAPACITOR TANTALUM SMT 6032 10V 100U 10%	AVX	TPSC107K010R0200
			KEMET	T494C107K010AS
		Process Code: UND	AVX	TPSC107K010R0100
		Product Type: XE0	AVX	TPSC107K010R0075
		Item Group: A00		
		Reference Designators: C49		

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Device	Qty	Description	Manufacturer	Part Number
97244	1	RESISTOR SMT 0402 63MW 68R0 1%	VISHAY	CRCW040268R1F?
			AVX KYOCERA	CR05-68R1F-?
		Process Code: CMP	KOA	RK73H1E?68R1F
		Product Type: XE0	ROHM	MCR01?F68R1
		Item Group: A00	SAMSUNG	RC1005F68R1?
		Reference Designators: R260		
		BAAN Description Line 1: RESISTOR 1/16W 68R1 OHM 1%		
		BAAN Description Line 2: SMT 0402		
97326	2	RESISTOR SMT 0402 63MW 182K 1%	VISHAY	CRCW04021823F?
			AVX	CR051823F-?
		Process Code: CMP	KOA	RK73H1E?1823F
		Product Type: XE0	ROHM	MCRO1?F1823
		Item Group: A00	SAMSUNG	RC1005F1823?
		Reference Designators: R115, R116		
		BAAN Description Line 1: RESISTOR 1/16W 182K OHM 1%		
		BAAN Description Line 2: SMT 0402		
97272	6	RESISTOR SMT 0402 63MW 1K00 1%	VISHAY	CRCW04021001F?
			AVX KYOCERA	CR05-1001F-?
		Process Code: CMP	KOA	RK73H1E?1001F
		Product Type: XE0	ROHM	MCR01?F1001
		Item Group: A00	PANASONIC	ERJ2RKF102?
		Reference Designators: R127, R128, R143, R186, R206, R259	SAMSUNG	RC1005F1001?
		BAAN Description Line 1: RESISTOR 1/16W 1K00 OHM 1%		
		BAAN Description Line 2: SMT 0402		
97264	2	RESISTOR SMT 0402 63MW 470R 1%	VISHAY	CRCW04024750F?
			AVX KYOCERA	CR05-4750F-?
		Process Code: CMP	KOA	RK73H1E?4750F
		Product Type: XE0	ROHM	MCR01?F4750
		Item Group: A00	SAMSUNG	RC1005F4750?
		Reference Designators: R211, R92		
		BAAN Description Line 1: RESISTOR 1/16W 475 OHM 1%		
		BAAN Description Line 2: SMT 0402		
9004349	1	CAP THIN-FILM 3.9PF 10V ±0.1PF 30PPM/C 0402	AVX	0402ZJ3R9BBWTR
			AVX	0402YJ3R9BBWTR
			AVX	04023J3R9BBWTR
		Process Code: UND		
		Product Type: UND		
		Item Group: CAP		
		Reference Designators: C248		
		BAAN Description Line 1: CAP THIN-FILM 3.9PF 10V ±0.1PF		
		BAAN Description Line 2:		
9004345	1	CAPACITOR CERAMIC 22UF ±20% 6.3V X5R 0805 SMT	MURATA	GRM21BR60J226ME39?
			TDK	C2012X5R0J226M?
			TDK	C2012X5R0J226K?
		Process Code: CMP		
		Product Type: XE0		
		Item Group: CAP		
		Reference Designators: C506		
		BAAN Description Line 1: CAPACITOR 22UF ±20% 6.3V		
		BAAN Description Line 2:		

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Device	Qty	Description	Manufacturer	Part Number
9004344	29	CAPACITOR CERAMIC 4U7 ±10% 6.3V X5R 0603 SMT	MURATA	GRM188R60J475KE19D
		Process Code: CMP Product Type: XE0 Item Group: CAP Reference Designators: C15, C157, C160, C17, C289, C290, C329, C330, C331, C334, C335, C336, C340, C341, C342, C344, C471, C478, C493, C501, C505, C522, C536, C539, C540, C541, C548, C7, C85		
		BAAN Description Line 1: CAPACITOR 4U7 ±10% 6.3V BAAN Description Line 2:		
9004343	2	CAP 47UF ±20% 6.3V X5R 1206	MURATA TDK	GRM31CR60J476ME19? C3216X5R0J476M?
		Process Code: CMP Product Type: CMP Item Group: CAP Reference Designators: C514, C523		
		BAAN Description Line 1: CAPACITOR 47UF ±20% 6.3V BAAN Description Line 2: CERAMIC X5R 1206		
97372	23	CAPACITOR CERAMIC SMT X7R 0402 16V 10N ±5%	MURATA	GRM36X7R103K016AD
		Process Code: CMP Product Type: XE0 Item Group: CAP Reference Designators: C100, C101, C112, C13, C14, C177, C249, C256, C260, C261, C266, C267, C457, C527, C537, C538, C544, C545, C554, C95, C96, C97, C99		
		BAAN Description Line 1: CAPACITOR 10N 16V 5% BAAN Description Line 2: CERAMIC SMT 0402 X7R		
9004319	2	CAPACITOR CERAMIC SMT NPO 0402 50V 220P 5%	AVX MURATA KOA SPEER PANASONIC ROHM AVX	04025A221JAT2A GRM1555CH221J NPO0402HTTP221J ECJ0EC1H221J MCH155A221JK 04023A221JAT2A
		Process Code: CMP Product Type: UND Item Group: CAP Reference Designators: C25, C444		
		BAAN Description Line 1: CAP CER 220P NPO 50V 5% 0402 BAAN Description Line 2:		
97375	33	CAPACITOR CERAMIC SMT X7R 0402 50V 1N0 ±10%	MURATA	GRM36X7R102K050AD
		Process Code: UND Product Type: XE0 Item Group: CAP Reference Designators: C130, C134, C241, C307, C308, C309, C310, C311, C312, C313, C314, C315, C316, C317, C318, C319, C320, C321, C322, C323, C324, C436, C450, C474, C491, C492, C5, C502, C503, C549, C82, C83, C84		
		BAAN Description Line 1: CAPCITOR 1N0 50V +/-10% BAAN Description Line 2: CERAMIC 0402 X7R		
9004325	1	CAPACITOR CERAMIC SMT THIN-FILM 12PF ±1% 10V 30PPM/C 0402 COG	AVX	0402ZJ120FBWTR
		Process Code: CMP Product Type: XE0 Item Group: CAP Reference Designators: C480		
		BAAN Description Line 1: CAPACITOR 12PF ±1% 10V 30PPM/C BAAN Description Line 2: CERAMIC SMT 0402 COG THIN FILM		

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Device	Qty	Description	Manufacturer	Part Number
9004322	1	CAPACITOR CERAMIC SMT NPO 0402 50V 15P ±5%	AVX	04025A150JAT2A
			PANASONIC	ECJ0EC1H150J
			KEMET	C0402C150J5GAC
		Process Code: UND	BAAN Description Line 1: CAP CER 15P NPO 50V 5% 0402	
		Product Type: XE0	BAAN Description Line 2:	
		Item Group: CAP		
		Reference Designators: C24		
9004321	1	CAPACITOR CERAMIC SMT NPO 0402 50V 68P ±5%	AVX	04025A680JAT2A
			PANASONIC	ECJ0EC1H680J
		Process Code: CMP	BAAN Description Line 1: CAP CER 68P NPO 50V 5% 0402	
		Product Type: Undef	BAAN Description Line 2:	
		Item Group: CAP		
		Reference Designators: C243		
9004350	1	CAP THIN-FILM 3.6PF 10V ±0.1PF 30PPM/C 0402	AVX	0402ZJ3R6BBWTR
			AVX	0402YJ3R6BBWTR
			AVX	04023J3R6BBWTR
		Process Code: CMP	BAAN Description Line 1: CAP THIN-FILM 3.6PF 10V ±0.1PF	
		Product Type: Undef	BAAN Description Line 2:	
		Item Group: CAP		
		Reference Designators: C186		
9004192	3	CAPACITOR CERAMIC SMT NPO 0402 50V 150P ±5%	AVX	04025A151JAT2A
			MURATA	GRM1555C1H151J_
			PANASONIC	ECJ0EC1H151J
			KEMET	C0402C151J5GAC
			KOA SPEER	NPO0402HTTP151J
		Process Code: UND	BAAN Description Line 1: CAP CER 150PF NPO 50V 5% 0402	
		Product Type: UND	BAAN Description Line 2:	
		Item Group: CAP		
		Reference Designators: C202, C447, C448		
9004323	2	CAP CER SMT 12P NPO 50V 5% 0402	AVX	04025A120JAT2A
			PANASONIC	ECJ0EC1H120J
			KEMET	C0402C120J5GAC
		Process Code: UND	BAAN Description Line 1: CAP CER 12P NPO 50V 5% 0402	
		Product Type: UND	BAAN Description Line 2:	
		Item Group: CAP		
		Reference Designators: C26, C495		
9004191	7	CAP CER 10P NPO 50V ±5% 0402	MURATA	GRM1555C1H100J_
			AVX	04025A100JAT2A
			KEMET	C0402C100J5GAC
			PANASONIC	ECJ0EC1H100D
			KOA SPEER	
		Process Code: CMP	BAAN Description Line 1: CAP CER 10P NPO 50V 5% 0402	
		Product Type: Undef	BAAN Description Line 2:	
		Item Group: CAP		
		Reference Designators: C164, C239, C27, C28, C437, C489, C490		

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Device	Qty	Description	Manufacturer	Part Number	
9004190	3	CAPACITOR CERAMIC SMT NPO 0402 50V 47P ±5%	MURATA	GRM1555C1H470J	
			AVX	04025A470JAT2A	
		Process Code: CMP	BAAN Description Line 1: CAPACITOR 47PF 50V 5% 0402	KEMET	C0402C470J5GAC
		Product Type: XE0	BAAN Description Line 2: CERAMIC SMT 0402 NPO	PANASONIC	ECJ0EC1H470J
		Item Group: CAP		KOA SPEER	NPO0402HHTTP470J
		Reference Designators: C468, C511, C512			
9004189	73	CAPACITOR CERAMIC SMT X5R 0402 10V 100N ±10%	MURATA	GRM155R61A104K_	
			PANASONIC	ECJ0EB1A104K	
		Process Code: UND	BAAN Description Line 1: CAPACITOR 100NF 10V 10%	KEMET	C0402C104K8PAC
		Product Type: UND	BAAN Description Line 2:	AVX	0402ZD104KAT2A
		Item Group: CAP		AVX	0402YD104KAT2A
		Reference Designators: C105, C106, C107, C108, C115, C215, C216, C218, C219, C220, C222, C223, C224, C250, C285, C286, C303, C351, C352, C353, C354, C355, C356, C357, C358, C359, C360, C361, C362, C363, C364, C365, C366, C367, C368, C369, C37, C370, C371, C372, C373, C374, C38, C380, C381, C39, C392, C393, C394, C396, C40, C41, C42, C43, C44, C451, C472, C475, C479, C481, C482, C483, C484, C496, C521, C528, C529, C530, C531, C532, C533, C534, C535		KOA SPEER	X5R0402ATTP104K
9004188	1	CAP THIN-FILM 3.0PF 10V ±0.1PF 30PPM/C 0402	AVX	0402ZJ3R0BBWTR	
			AVX	0402YJ3R0BBWTR	
		Process Code: CMP	BAAN Description Line 1: CAP THIN-FILM 3.0PF 10V ±0.1PF	AVX	04023J3R0BBWTR
		Product Type: Undef	BAAN Description Line 2:		
		Item Group: CAP			
		Reference Designators: C147			
9004177	2	CAP THIN-FILM 8.2PF 10V ±0.1PF 30PPM/C 0402	AVX	0402ZJ8R2BBWTR	
			AVX	0402YJ8R2BBWTR	
		Process Code: CMP	BAAN Description Line 1: CAP THIN-FILM 8.2PF 10V ±0.1PF		
		Product Type: Undef	BAAN Description Line 2:		
		Item Group: CAP			
		Reference Designators: C268, C473			
9004174	1	CAP THIN-FILM 10PF 10V ±1% 30PPM/C 0402	AVX	0402ZJ100FBWTR	
			AVX	0402YJ100FBWTR	
		Process Code: CMP	BAAN Description Line 1: CAP THIN-FILM 10PF 10V ±1% 30P		
		Product Type: Undef	BAAN Description Line 2:		
		Item Group: CAP			
		Reference Designators: C185			
9004173	1	CAPACITOR CERAMIC SMT THIN-FILM 15PF ±1% 10V 60PPM/C 0402 COG	AVX	0402ZK150FBWTR	
		Process Code: CMP	BAAN Description Line 1: CAPACITOR 15PF ±1% 10V 60PPM/C		
		Product Type: XE0	BAAN Description Line 2: CERAMIC SMT 0402 COG THIN FILM		
		Item Group: CAP			
		Reference Designators: C190			

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Device	Qty	Description	Manufacturer	Part Number
9004172	8	CAP TANT 10UF ±20% 6V3 0603	AVX	TACL106M006R
		Process Code: CMP	BAAN Description Line 1: CAPACITOR 10UF ±20% 6V3	
		Product Type: XE0	BAAN Description Line 2: TANTALUM SMT 0603	
		Item Group: CAP		
		Reference Designators: C154, C416, C417, C476, C477, C487, C488, C81		
9004171	11	CAP 10UF ±10% 10V X5R 0805	MURATA	GRM21BR61A106KE19L
		Process Code: CMP	BAAN Description Line 1: Undefined	
		Product Type: Undef	BAAN Description Line 2:	
		Item Group: CAP		
		Reference Designators: C146, C299, C301, C304, C346, C499, C500, C525, C54, C542, C552		
9004154	1	CAP CER 4P7 NPO 50V 0.25PF 0402	AVX KEMET KOA SPEER ROHM	04025A4R7CAT2A C0402C4R7C5GAC NPO0402HTTP4R7C MCH155A4R7CK
		Process Code: UND	BAAN Description Line 1: CAP CER 4P7 NPO 50V 0.25PF 040	
		Product Type: UND	BAAN Description Line 2:	
		Item Group: CAP		
		Reference Designators: C277		
9004320	1	CAPACITOR CERAMIC SMT NPO 0603 50V 560P ±5%	AVX PANASONIC KEMET KOA SPEER MURATA	06035A561JAT2A ECJ1VC1H561J
		Process Code: CMP	BAAN Description Line 1: CAP CER 560P NPO 50V 5% 0603	
		Product Type: Undef	BAAN Description Line 2:	
		Item Group: CAP		
		Reference Designators: C470		
9004351	2	CAP THIN-FILM 4.7PF 10V ±0.1PF 30PPM/C 0402	AVX AVX AVX	0402ZJ4R7BBWTR 0402YJ4R7BBWTR 04023J4R7BBWTR
		Process Code: CMP	BAAN Description Line 1: CAP THIN-FILM 4.7PF 10V ±0.1PF	
		Product Type: Undef	BAAN Description Line 2:	
		Item Group: CAP		
		Reference Designators: C192, C193		
9004354	1	CAP CER 33P NPO 50V 1% 0402	AVX KEMET KOA SPEER	04025A330FAT2A C0402C330F5GAC NPO0402HTTP330F
		Process Code: CMP	BAAN Description Line 1: CAP CER 33P NPO 50V 1% 0402	
		Product Type: Undef	BAAN Description Line 2:	
		Item Group: CAP		
		Reference Designators: C91		

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<i>Device</i>	<i>Qty</i>	<i>Description</i>	<i>Manufacturer</i>	<i>Part Number</i>
9004372	1	CAP CER 470NF 0603 10% X7R 10V	MURATA	GRM188R71H562KA01D
		Process Code: UND BAAN Description Line 1: CAP CER 470NF 0603 10% X7R 10V Product Type: UND BAAN Description Line 2: Item Group: CAP Reference Designators: C133		
9004364	1	CAPACITOR CERAMIC SMT X7R 0603 50V 15N ±10%	MURATA ROHM PANASONIC	GRM188R71H153KA01D MCH185CN153KK ECJ1VB1H153K
		Process Code: UND BAAN Description Line 1: CAP CER 15N X7R 50V 10% 0603 Product Type: UND BAAN Description Line 2: Item Group: CAP Reference Designators: C18		
97370	4	CAPACITOR CERAMIC SMT COG 0402 50V 18P ±5%	MURATA AVX	GRM36COG180J050A? 04025A180JAT?A
		Process Code: UND BAAN Description Line 1: CERAMIC 18P 50V 5% Product Type: XE0 BAAN Description Line 2: CERAMIC SMT 0402 COG Item Group: CAP Reference Designators: C30, C31, C550, C551		
9004370	1	CAP CER 100NF 0603 10% X7R 50V	MURATA	GRM188R71H104KA93D
		Process Code: UND BAAN Description Line 1: CAP CER 100NF 0603 10% X7R 50V Product Type: UND BAAN Description Line 2: Item Group: CAP Reference Designators: C131		
9004371	1	CAP CER SMT 5.6NF 0603 10% X7R 50V	MURATA	GRM188R71H562KA01D
		Process Code: UND BAAN Description Line 1: CAP CER SMT 5.6NF 0603 10% X7R Product Type: UND BAAN Description Line 2: Item Group: CAP Reference Designators: C151		
97371	49	CAPACITOR CERAMIC SMT NPO 0402 50V 100P ±5%	MURATA AVX PANASONIC KEMET KOA SPEER	GRM1555C1H101J_ 04025A101JAT2A ECJ0EC1H101J C0402C101J5GAC NPO0402HTTP101J
		Process Code: UND BAAN Description Line 1: CAPACITOR CERAMIC 100PF NPO 50 Product Type: UND BAAN Description Line 2: CERAMIC SMT 0402 NPO Item Group: CAP Reference Designators: C135, C136, C137, C138, C139, C140, C141, C142, C173, C203, C204, C205, C206, C208, C209, C210, C211, C212, C227, C230, C231, C232, C233, C466, C497, C507, C515, C516, C517, C518, C519, C520, C526, C543, C553, C555, C59, C60, C61, C62, C63, C64, C65, C74, C76, C77, C78, C79, L62		

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Device	Qty	Description	Manufacturer	Part Number
9004143	1	CON RF MMCX PCB SOCKET 50-OHM	AMPHENOL	908-22100
		Process Code: CMP	JOHNSON	135-3711-802
		Product Type: Undef	MOLEX	73415-0963
		Item Group: CON	ITT CANNON	167000-0760
		Reference Designators: J1		
95594	1	CONNECTOR HEADER 15P PCCARD 15X1 SHIELD	AMP	5-569331-3
		Process Code: CMP		
		Product Type: XE0		
		Item Group: CON		
		Reference Designators: P5		
95593	1	CON PC-CARD PLUG 68P ZERO OFFSET	AMP	146228-3
		Process Code: CMP	AMP	146228-4
		Product Type: Undef		
		Item Group: CON		
		Reference Designators: P3		
9004147	1	DIO VARACTOR SOT-23	SKYWORKS	SMV1211-001
		Process Code: CMP		
		Product Type: Undef		
		Item Group: DIO		
		Reference Designators: D1		
9004155	3	FER 220R 0603	MURATA	BLM18AG221SN1
		Process Code: CMP		
		Product Type: Undef		
		Item Group: FER		
		Reference Designators: L27, L28, L29		
9004156	1	FER 22R 0603	MURATA	BLM18BA220SN1
		Process Code: CMP		
		Product Type: Undef		
		Item Group: FER		
		Reference Designators: L30		

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Device	Qty	Description	Manufacturer	Part Number
9004339	1	FER 221R 2A 0805	MURATA	BLM21PG221SN1
		Process Code: CMP Product Type: Undefined Item Group: FER Reference Designators: L60		
		BAAN Description Line 1: FER 221R 2A 0805 BAAN Description Line 2:		
9004180	3	FIL RF SAW 450-470MHZ IL=4DB MAX 5X5MM SMT	C-TECH	CT460WC1
		Process Code: CMP Product Type: Undefined Item Group: FIL Reference Designators: SF2, SF3, SF4		
		BAAN Description Line 1: Undefined BAAN Description Line 2:		
9004170	2	FIL CER SMT 455KHZ 9KHZ-BW 4-ELEM LOW-GDT	MURATA	CFUCG455KG1X-R0
		Process Code: CMP Product Type: Undefined Item Group: FIL Reference Designators: CF1, CF2		
		BAAN Description Line 1: BAAN Description Line 2:		
9004140	1	FIL 71MHZ SAW BW=160KHZ IL=5DB MAX 9X5MM-10	KSS	LSFB21-071-160K0
		Process Code: CMP Product Type: Undefined Item Group: FIL Reference Designators: SF5		
		BAAN Description Line 1: Undefined BAAN Description Line 2:		
9004166	1	FIL XTAL 45MHz 4-POLE 7.5kHz SMT 7x5mm	VECTRON	MQF45.0-0750/21
		Process Code: CMP Product Type: Undefined Item Group: FIL Reference Designators: FL1		
		BAAN Description Line 1: BAAN Description Line 2:		
9004376	1	ICT PLL SYNTH 550MHZ INTEGER-N SOIC-20	ANALOG DEVICES	ADF4116BRU
		Process Code: CMP Product Type: Undefined Item Group: ICT Reference Designators: U19		
		BAAN Description Line 1: ICT PLL SYNTH 550MHZ INTEGER-N BAAN Description Line 2:		

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Device	Qty	Description	Manufacturer	Part Number
9004134	1	ICT DIGITAL POT QUAD 10K 8-BIT TSSOP-24	ANALOG DEVICES	AD5204BRU10
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U54	BAAN Description Line 1: Undefined BAAN Description Line 2:	
9004131	3	ICT BUF TINY LOGIC SC-70-5	FAIRCHILD SEMICOND	NC7SZ125P5X
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U46, U47, U72	BAAN Description Line 1: Undefined BAAN Description Line 2:	
9000963	2	IC TINY LOGIC HST 2-INPUT AND GATE	FAIRCHILD ON SEMICONDUCTOR TOSHIBA	NC7ST08P5X NL17SZ08DFT2 TC7SET08FU
		Process Code: CMP Product Type: XE0 Item Group: ICT Reference Designators: U68, U73	BAAN Description Line 1: IC TINYLOGIC 2-INPUT AND GATE BAAN Description Line 2:	
9004137	1	ICT MIXER FET 2.5GHZ LO=0DBM CL=7DB IIP3=24DBM MW-6	TRIQUINT SEMICONDU	CMY210
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U66	BAAN Description Line 1: Undefined BAAN Description Line 2:	
9004145	1	IC LIN REG,10MA, 1V8	TEXAS INSTRUMENTS	TPS79718DCKR
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U64	BAAN Description Line 1: ICT,VREG,LIN,1V8,10MA,SC-70-5 BAAN Description Line 2:	
9004130	2	ICT AMP RF 4.5GHZ 2V1 S21=12DB NF=4.6DB P1DB=-2DBM SC-70	SIRENZA MICRODEVIC	SGA-0163
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U16, U45	BAAN Description Line 1: Undefined BAAN Description Line 2:	

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Device	Qty	Description	Manufacturer	Part Number
9004120	1	ICT OP AMP GBW=100MHZ LOW NOISE SOT23-5	LINEAR TECHNOLOGY	LT1812IS5
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U36	BAAN Description Line 1: Undefined BAAN Description Line 2:	
9004129	1	ICT DDS 25MHZ 28-BIT RES 10-BIT DAC MSOP-10	ANALOG DEVICES	AD9833BRM
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U44	BAAN Description Line 1: Undefined BAAN Description Line 2:	
9004138	4	ICT OP AMP SC-70-5	NATIONAL SEMICOND TEXAS INSTRUMENTS	LMV321M7X LMV321IDCK_
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U62, U69, U70, U71	BAAN Description Line 1: Undefined BAAN Description Line 2:	
9003668	1	ICT RF SWITCH SPDT GAAS 2W 2.5GHZ IL=0.5DB MAX SC-70	NEC	UPG2010TB-E3
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U32	BAAN Description Line 1: ICT RF SWITCH SPDT GAAS 2W 2.5 BAAN Description Line 2:	
97087	1	ICT SA606DK FM IF SYSTEM	PHILIPS	SA606DK
		Process Code: UND Product Type: UND Item Group: ICT Reference Designators: U27	BAAN Description Line 1: ICT SA606DK FM IF SYSTEM BAAN Description Line 2:	
9004115	2	ICT SINGLE 2-INPUT OR GATE TINY LOGIC SC-70-5	ON SEMICONDUCTOR FAIRCHILD TOSHIBA	NL17SZ32DF NC7SZ32P5X TC7SZ32FU
		Process Code: CMP Product Type: XE0 Item Group: ICT Reference Designators: U12, U55	BAAN Description Line 1: ICT SINGLE 2-INPUT OR GATE BAAN Description Line 2: SC70-5	

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Device	Qty	Description	Manufacturer	Part Number
9004365	1	ICT PLL SYNTH 1200MHZ INTEGER-N SOIC-20	NATIONAL SEMICOND	LMX2316TM
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U18		
		BAAN Description Line 1: ICT PLL SYNTH 1200MHZ INTEGER- BAAN Description Line 2:		
9004110	2	ICT LIN REG 80MA 3V0 SC-70-4	MICREL	MIC5213-3.0BC5
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U3, U65		
		BAAN Description Line 1: ICT,VREG,LIN,3V0,80MA BAAN Description Line 2:		
9004108	1	ICT DSP FIXED PT 32-BIT 64K 120MHZ BGA-144	TEXAS INSTRUMENTS	TMS320VC5410AGGU12
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U1		
		BAAN Description Line 1: ICT DSP FIXED PT 32-BIT BAAN Description Line 2: 64K 120MHZ BGA-144		
9004113	1	ICT LIN REG 80MA 2V8 SC-70-4	MICREL	MIC5213-2.8BC5
		Process Code: CMP Product Type: XE0 Item Group: ICT Reference Designators: U6		
		BAAN Description Line 1: ICT,VREG,LIN,2V8,80MA BAAN Description Line 2:		
9004114	1	ICT PA 2W 450MHZ GAAS HBT 33DB GAIN SOIC-16	RFMD	RF2117
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U11		
		BAAN Description Line 1: Undefined BAAN Description Line 2:		
9004111	1	ICT FPGA SPARTAN-2 50K GATES 32K RAM 200MHZ I-TEMP BGA-256	XILINX	XC2S50-5FG256I
		Process Code: CMP Product Type: XE0 Item Group: ICT Reference Designators: U4		
		BAAN Description Line 1: Undefined BAAN Description Line 2:		

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<i>Device</i>	<i>Qty</i>	<i>Description</i>	<i>Manufacturer</i>	<i>Part Number</i>																
9004118	1	ICT AMP RF 2800MHZ 2V7 S21=17DB NF=3DB P1DB=8DBM SC-70	SIRENZA MICRODEVIC	SGA-2363-TR1																
		<table border="1"> <tr> <td>Process Code:</td> <td>CMP</td> <td>BAAN Description Line 1:</td> <td>Undefined</td> </tr> <tr> <td>Product Type:</td> <td>Undef</td> <td>BAAN Description Line 2:</td> <td></td> </tr> <tr> <td>Item Group</td> <td>ICT</td> <td></td> <td></td> </tr> <tr> <td>Reference Designators:</td> <td colspan="3">U21</td> </tr> </table>	Process Code:	CMP	BAAN Description Line 1:	Undefined	Product Type:	Undef	BAAN Description Line 2:		Item Group	ICT			Reference Designators:	U21				
Process Code:	CMP	BAAN Description Line 1:	Undefined																	
Product Type:	Undef	BAAN Description Line 2:																		
Item Group	ICT																			
Reference Designators:	U21																			
9004329	4	ICT REG CAP-FREE LDO ADJ 250MA SOT23	TEXAS INSTRUMENTS	TPS73201DBV?																
		<table border="1"> <tr> <td>Process Code:</td> <td>CMP</td> <td>BAAN Description Line 1:</td> <td>ICT REG LDO ADJ 250MA SOT23</td> </tr> <tr> <td>Product Type:</td> <td>XE0</td> <td>BAAN Description Line 2:</td> <td>CAP-FREE</td> </tr> <tr> <td>Item Group</td> <td>ICT</td> <td></td> <td></td> </tr> <tr> <td>Reference Designators:</td> <td colspan="3">U49, U50, U51, U63</td> </tr> </table>	Process Code:	CMP	BAAN Description Line 1:	ICT REG LDO ADJ 250MA SOT23	Product Type:	XE0	BAAN Description Line 2:	CAP-FREE	Item Group	ICT			Reference Designators:	U49, U50, U51, U63				
Process Code:	CMP	BAAN Description Line 1:	ICT REG LDO ADJ 250MA SOT23																	
Product Type:	XE0	BAAN Description Line 2:	CAP-FREE																	
Item Group	ICT																			
Reference Designators:	U49, U50, U51, U63																			
9004122	9	IC LIN REG,100MA, 4V7	TEXAS INSTRUMENTS	TPS79147DBV_																
		<table border="1"> <tr> <td>Process Code:</td> <td>CMP</td> <td>BAAN Description Line 1:</td> <td>ICT,VREG,LIN,4V7,100MA,SOT-23-</td> </tr> <tr> <td>Product Type:</td> <td>Undef</td> <td>BAAN Description Line 2:</td> <td></td> </tr> <tr> <td>Item Group</td> <td>ICT</td> <td></td> <td></td> </tr> <tr> <td>Reference Designators:</td> <td colspan="3">U29, U41, U42, U43, U60, U74, U75, U76, U77</td> </tr> </table>	Process Code:	CMP	BAAN Description Line 1:	ICT,VREG,LIN,4V7,100MA,SOT-23-	Product Type:	Undef	BAAN Description Line 2:		Item Group	ICT			Reference Designators:	U29, U41, U42, U43, U60, U74, U75, U76, U77				
Process Code:	CMP	BAAN Description Line 1:	ICT,VREG,LIN,4V7,100MA,SOT-23-																	
Product Type:	Undef	BAAN Description Line 2:																		
Item Group	ICT																			
Reference Designators:	U29, U41, U42, U43, U60, U74, U75, U76, U77																			
9004127	1	ICT CLOCK OSC IC CMOS SOT-23-6	NPC	SM5022A2AH																
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Process Code:	CMP	BAAN Description Line 1:	Undefined																	
Product Type:	Undef	BAAN Description Line 2:																		
Item Group	ICT																			
Reference Designators:	U37																			
9004126	1	ICT VREF 3V0 SOT-23	ANALOG DEVICES	AD1583BRT																
		<table border="1"> <tr> <td>Process Code:</td> <td>CMP</td> <td>BAAN Description Line 1:</td> <td>Undefined</td> </tr> <tr> <td>Product Type:</td> <td>Undef</td> <td>BAAN Description Line 2:</td> <td></td> </tr> <tr> <td>Item Group</td> <td>ICT</td> <td></td> <td></td> </tr> <tr> <td>Reference Designators:</td> <td colspan="3">U9</td> </tr> </table>	Process Code:	CMP	BAAN Description Line 1:	Undefined	Product Type:	Undef	BAAN Description Line 2:		Item Group	ICT			Reference Designators:	U9				
Process Code:	CMP	BAAN Description Line 1:	Undefined																	
Product Type:	Undef	BAAN Description Line 2:																		
Item Group	ICT																			
Reference Designators:	U9																			
9004348	1	ICT REG LDO 2.5V 500MA SOIC-8	TEXAS INSTRUMENTS	TPS77525D																
		<table border="1"> <tr> <td>Process Code:</td> <td>CMP</td> <td>BAAN Description Line 1:</td> <td>ICT REG LDO 2.5V 500MA</td> </tr> <tr> <td>Product Type:</td> <td>XE0</td> <td>BAAN Description Line 2:</td> <td>I-TEMP 8PIN SOIC</td> </tr> <tr> <td>Item Group</td> <td>ICT</td> <td></td> <td></td> </tr> <tr> <td>Reference Designators:</td> <td colspan="3">U13</td> </tr> </table>	Process Code:	CMP	BAAN Description Line 1:	ICT REG LDO 2.5V 500MA	Product Type:	XE0	BAAN Description Line 2:	I-TEMP 8PIN SOIC	Item Group	ICT			Reference Designators:	U13				
Process Code:	CMP	BAAN Description Line 1:	ICT REG LDO 2.5V 500MA																	
Product Type:	XE0	BAAN Description Line 2:	I-TEMP 8PIN SOIC																	
Item Group	ICT																			
Reference Designators:	U13																			

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<i>Device</i>	<i>Qty</i>	<i>Description</i>	<i>Manufacturer</i>	<i>Part Number</i>
9004123	1	ICT MIXER 500MHZ LO=+3DBM CL=7DB IIP3=16DBM SMT-6	MINI CIRCUITS	ADE-1L
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U31	BAAN Description Line 1: Undefined BAAN Description Line 2:	
9004328	2	ICT INVERTER WITH SCHMITT TRIGGER TINY LOGIC SC-70-5	ON SEMICONDUCTOR FAIRCHILD	NL17SZ14DFT2 NC7SZ14P5X
		Process Code: CMP Product Type: XE0 Item Group: ICT Reference Designators: U14, U38	BAAN Description Line 1: ICT INVERTER WITH SCHMITT TRIG BAAN Description Line 2: SINGLE SC-70-5	
9004121	1	ICT RF DIRECTIONAL DETECT 3GHZ 4W IL=0.2DB SC-70-6	SKYWORKS	DD02-92
		Process Code: CMP Product Type: Undef Item Group: ICT Reference Designators: U28	BAAN Description Line 1: Undefined BAAN Description Line 2:	
9004109	1	ICT CODEC 16-BIT 26KSPS DUAL CH PQFP-48 I-TEMP	TEXAS INSTRUMENTS	TLV320AIC24IPFBR
		Process Code: CMP Product Type: XE0 Item Group: ICT Reference Designators: U2	BAAN Description Line 1: ICT CODEC 16-BIT 26KSPS DUAL C BAAN Description Line 2: INDUSTRIAL TEMP PQFP-48	
1001007	1	ICT FLASH MEM 4/8MBIT TOP BOOT BGA-48	PSION TEKLOGIX PSION TEKLOGIX PSION TEKLOGIX PSION TEKLOGIX PSION TEKLOGIX	9004334 9004112 9004340 9004341 9004381
		Process Code: CMP Product Type: XE0 Item Group: ICT Reference Designators: U5	BAAN Description Line 1: ICT FLASH MEMORY 4/8 MBIT BAAN Description Line 2: TOP BOOT BGA-48	
9004335	1	IDD LED BI-COLOR RED/GREEN SMT	STANLEY	BRPG1211F
		Process Code: CMP Product Type: XE0 Item Group: IDD Reference Designators: DS1	BAAN Description Line 1: IDD LED BI-COLOR RED/GREEN BAAN Description Line 2: SMT	

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Device	Qty	Description	Manufacturer	Part Number
9004144	4	IND 680NH 5% MLC 0805	TOKO	LL2012-FHR68J
		Process Code: CMP Product Type: WTB Item Group: IND Reference Designators: L1, L2, L49, L57		
		BAAN Description Line 1: Undefined BAAN Description Line 2:		
9004152	1	IND SMT WIREWOUND FERR-CORE 330UH 5% 1210	TOKO TDK KOA SPEER	LLM3225-331J NL322522T-331J KL32LTE331J
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: L15		
		BAAN Description Line 1: Undefined BAAN Description Line 2:		
9004162	2	IND 12NH 2% WIREWOUND 0402	COILCRAFT	0402CS-12NXGBW
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: L53, L54		
		BAAN Description Line 1: Undefined BAAN Description Line 2:		
9004148	3	IND 100NH 5% 100MA MLC 0402	TOKO TDK PANASONIC	LL1005-FHR10J MLK1005SR10JT ELJRFR10JF2
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: L14, L21, L8		
		BAAN Description Line 1: Undefined BAAN Description Line 2:		
9004149	2	IND 390NH 5% MLC 0805	TOKO	LL2012-FHR39J
		Process Code: CMP Product Type: WTB Item Group: IND Reference Designators: L10, L48		
		BAAN Description Line 1: Undefined BAAN Description Line 2:		
9004150	3	IND SMT WIREWOUND 22N 2% 400MA 0402	COILCRAFT	0402CS-22NXGBW
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: L11, L12, L52		
		BAAN Description Line 1: Undefined BAAN Description Line 2:		

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Sorted By Item Group

Device	Qty	Description	Manufacturer	Part Number
9004151	1	IND 68NH 5% 180MA MLC 0402	TOKO	LL1005-FH68NJ
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: L55		
		BAAN Description Line 1: Undefined BAAN Description Line 2:		
9004146	1	IND SMT 0402 1.8NH 5% 300MA	TOKO TDK	LL1005-FH1N8S MLK1005S1N8S
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: L3		
		BAAN Description Line 1: IND SMT 0402 1.8NH 5% 300MA BAAN Description Line 2:		
9004153	1	IND SMT 18NH 2% 1900MA WIREWOUND 0603	COILCRAFT	0603HC-18NXGBW
		Process Code: CMP Product Type: XE0 Item Group: IND Reference Designators: L24		
		BAAN Description Line 1: IND SMT 18NH 2% 1900MA WIREWOU BAAN Description Line 2:		
9004342	1	IND SMT WIREWOUND 330N 2% 310MA 0805	COILCRAFT KOA SPEER	0805CS-331XGB? KQ0805LT?R33G
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: L4		
		BAAN Description Line 1: IND SMT WIREWOUND 330N 2% 310M BAAN Description Line 2:		
9004157	1	IND SMT 3.85NH 2% AIR-CORE SPRING 1.6A	COILCRAFT	0906-4G
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: L41		
		BAAN Description Line 1: IND SMT 3.85NH 2% AIR-CORE SPR BAAN Description Line 2:		
9004158	2	IND SMT 35.5NH 2% AIR-CORE SPRING 4A	COILCRAFT	B09TG
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: L43, L44		
		BAAN Description Line 1: IND SMT 35.5NH 2% AIR-CORE SPR BAAN Description Line 2:		

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Device	Qty	Description	Manufacturer	Part Number
9004160	1	INDUCTOR 560NH 5% WIREWOUND 0805	COILCRAFT KOA SPEER	0805CS-561XJB_ KQ0805LTER56J
		Process Code: CMP Product Type: WTB Item Group: IND Reference Designators: L47	BAAN Description Line 1: Undefined BAAN Description Line 2:	
9004163	1	IND 15NH 2% WIREWOUND 0402	COILCRAFT	0402CS-15NXGBW
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: L56	BAAN Description Line 1: Undefined BAAN Description Line 2:	
9004366	1	IND SMT MLC 18N ±5% 300MA 0402	TOKO	LL1005-FH18NJ
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: C547	BAAN Description Line 1: IND SMT MLC 18N ±5% 300MA 0402 BAAN Description Line 2:	
9004367	1	IND 270NH 5% MLC 0603	TOKO	LL1608-FSR27J
		Process Code: CMP Product Type: WTB Item Group: IND Reference Designators: C252	BAAN Description Line 1: IND SMT 270NH 5% MLC 0603 BAAN Description Line 2:	
9004159	2	IND SMT 18.5NH 2% AIR-CORE SPRING 4A	COILCRAFT	A05TG
		Process Code: CMP Product Type: Undef Item Group: IND Reference Designators: L45, L46	BAAN Description Line 1: IND SMT 18.5NH 2% AIR-CORE SPR BAAN Description Line 2:	
1080059	1	OSC VCTCXO 24M000 1.5PPM CLIPPED SINE 3V0 5X3MM	SIWARD	VTX182015X-24-3.0-TR
		Process Code: CSP Product Type: Undef Item Group: OSC Reference Designators: X6	BAAN Description Line 1: Undefined BAAN Description Line 2:	

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Device	Qty	Description	Manufacturer	Part Number
1080034	1	OSC VCO 405-425MHZ 0DBM 4.7V SMT 13X13X4MM	UNIVERSAL MICROWA	UMZ-1043-R16
		Process Code: CSP Product Type: Undef Item Group: OSC Reference Designators: U10	BAAN Description Line 1: OSC VCO 405-425MHZ 0DBM 4.7V S BAAN Description Line 2:	
1080038	1	OSC RF VCO 450-470MHZ 0DBM 4.7V SMT 0.5"X0.5"	UNIVERSAL MICROWA	UMZ-1151-R16
		Process Code: CSP Product Type: Undef Item Group: OSC Reference Designators: U34	BAAN Description Line 1: OSC RF VCO 450-470MHZ 0DBM 4.7 BAAN Description Line 2:	
1080060	1	OSC VCTCXO 44M545 3PPM CLIPPED SINE 3V0 5X3MM	NIPPON CRYSTAL	VT532V-44.545F6B4H
		Process Code: CSP Product Type: Undef Item Group: OSC Reference Designators: X7	BAAN Description Line 1: Undefined BAAN Description Line 2:	
9004331	1	RESISTOR SMT 0402 63MW 23K2 1%	VISHAY AVX KOA ROHM	CRCW04022322F? CR05-2322F-? RM73H1E?2322F MCRO1?F2322
		Process Code: CMP Product Type: XE0 Item Group: RES Reference Designators: R181	BAAN Description Line 1: RESISTOR 1/16W 23K2 OHM 1% BAAN Description Line 2: SMT 0402	SAMSUNG RC1005F2322?
97565	3	RESISTOR SMT 0402 63MW 51R0 1%	VISHAY AVX KYOCERA KOA ROHM PANASONIC	CRCW040251R0F? CR05-51R0F-? RM73H1E?51R0F MCR01?F51R0 ERJ2RKF510?
		Process Code: CMP Product Type: XE0 Item Group: RES Reference Designators: R67, R73, R96	BAAN Description Line 1: RESISTOR 1/16W 51R0 OHM 1% BAAN Description Line 2: SMT 0402	SAMSUNG RC1005F51R0?
97320	10	RESISTOR SMT 0402 63MW 100K 1%	VISHAY AVX KOA ROHM PANASONIC	CRCW04021003F? CR05-1003F-? RM73H1E?1003F MCRO1?F1003 ERJ2RKF104?
		Process Code: CMP Product Type: XE0 Item Group: RES Reference Designators: R150, R151, R154, R197, R198, R200, R203, R213, R222, R247	BAAN Description Line 1: RESISTOR 1/16W 100K OHM 1% BAAN Description Line 2: SMT 0402	SAMSUNG RC1005F1003?

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Device	Qty	Description	Manufacturer	Part Number
97307	3	RESISTOR SMT 0402 63MW 30K1 1%	VISHAY	CRCW04023012F?
			AVX	CR05-3012F-?
		Process Code: UND	BAAN Description Line 1: RESISTOR 1/16W 30K1 OHM 1%	KOA
		Product Type: UND	BAAN Description Line 2: SMT 0402	ROHM
		Item Group: RES		
		Reference Designators: R11, R13, R220	SAMSUNG	RC1005F3012?
97302	1	RESISTOR SMT 0402 63MW 18K0 1%	VISHAY	CRCW04021802F?
			AVX	CR05-1802F-?
		Process Code: CMP	BAAN Description Line 1: RESISTOR 1/16W 18K0 OHM 1%	KOA
		Product Type: XEO	BAAN Description Line 2: SMT 0402	ROHM
		Item Group: RES		PANASONIC
		Reference Designators: R163	SAMSUNG	ERJ2RKF183?
				RC1005F1802?
97224	11	RESISTOR SMT 0402 63MW 10R0 1%	VISHAY	CRCW040210R0F?
			AVX KYOCERA	CR05-10R0F-?
		Process Code: CMP	BAAN Description Line 1: RESISTOR 1/16W 10R0 OHM 1%	KOA
		Product Type: XE0	BAAN Description Line 2: SMT 0402	ROHM
		Item Group: RES		PANASONIC
		Reference Designators: R138, R165, R195, R243, R53, R54, R55, R56, R57, R58, R59	SAMSUNG	ERJ2RKF100?
				RC1005F10R0?
9004380	2	RESISTOR SMT 0805 100MW 324R 1%	YAGEO	9C08052A3240FKHFT
			ROHM	MCR10EZHF3240
		Process Code: UND	BAAN Description Line 1: RESISTOR 1/10W 324 OHM 1%	PANASONIC
		Product Type: UND	BAAN Description Line 2: SMT 0805	KOA SPEER
		Item Group: RES		
		Reference Designators: R140, R184		RK73H2ALT?3240F
9004379	1	RES SMT 100R 1% 63MW 0603	ROHM	MCR03EZPFX1000
			PANASONIC	ERJ3EKF1000V
		Process Code: CMP	BAAN Description Line 1: RES SMT 100R 1% 63MW 0603	KOA SPEER
		Product Type: XE0	BAAN Description Line 2:	YAGEO
		Item Group: RES		
		Reference Designators: R63		9C06031A1000FKHFT
9004375	1	RESISTOR SMT 0402 63MW 12K1 1%	PANASONIC	ERJ2RKF1212X
			KOA SPEER	RK73H1ELT?1212F
		Process Code: CMP	BAAN Description Line 1: RESISTOR 1/16W 12K1 OHM 1%	ROHM
		Product Type: XE0	BAAN Description Line 2: SMT 0402	
		Item Group: RES		
		Reference Designators: R19		MCR01MZSF1212

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Device	Qty	Description	Manufacturer	Part Number
9004374	1	RESISTOR SMT 0402 63MW 162R 1%	PANASONIC	ERJ2RKF1620X
			KOA SPEER	RK73H1ELT?1620F
		Process Code: CMP	ROHM	MCR01MZSF1620
		Product Type: XE0		
		Item Group: RES		
		Reference Designators: R117		
		BAAN Description Line 1: RESISTOR 1/16W 162R 1%		
		BAAN Description Line 2: SMT 0402		
9004196	1	RESISTOR SMT 0402 63MW 12K7 1%	VISHAY	CRCW04021272F?
			AVX	CR051272F-?
		Process Code: CMP	KOA	RK73H1E?1272F
		Product Type: XE0	ROHM	MCRO1?F1272
		Item Group: RES	SAMSUNG	RC1005F1272?
		Reference Designators: R207		
		BAAN Description Line 1: RESISTOR 1/16W 12K7 OHM 1%		
		BAAN Description Line 2: SMT 0402		
9004332	1	RESISTOR SMT 0402 63MW 95K3 1%	VISHAY	CRCW04029532F?
			AVX	CR05-9532F-?
		Process Code: UND	KOA	RM73H1E?9532F
		Product Type: UND	ROHM	MCRO1?F9532
		Item Group: RES	PANASONIC	
		Reference Designators: R180	SAMSUNG	RC1005F9532?
		BAAN Description Line 1: RESISTOR 1/16W 95K3 OHM 1%		
		BAAN Description Line 2: SMT 0402		
9004195	2	RESISTOR SMT 0402 63MW 48K7 1%	VISHAY	CRCW04024872F?
			AVX	CR05-4872F-?
		Process Code: UND	KOA	RM73H1E?4872F
		Product Type: UND	ROHM	MCRO1?F4872
		Item Group: RES	PANASONIC	
		Reference Designators: R190, R191	SAMSUNG	RC1005F4872?
		BAAN Description Line 1: RESISTOR 1/16W 48K7 OHM 1%		
		BAAN Description Line 2: SMT 0402		
9004165	8	RESISTOR SMT 0402 63MW 47 OHM 1%	VISHAY	CRCW040247R0F?
			AVX	CR05-47R0F-?
		Process Code: UND	KOA	RM73H1E?47R0F
		Product Type: UND	ROHM	MCRO1?F47R0
		Item Group: RES	PANASONIC	ERJ2RKF470?
		Reference Designators: R170, R171, R234, R235, R246, R270, R271, R272	SAMSUNG	RC1005F1201?
		BAAN Description Line 1: RESISTOR SMT 0402 1/16W 47 OHM		
		BAAN Description Line 2:		
9004324	1	RESISTOR SMT 0402 63MW 23K7 1%	PANASONIC	ERJ2RKF2372X
		Process Code: UND		
		Product Type: UND		
		Item Group: RES		
		Reference Designators: R34		
		BAAN Description Line 1: RESISTOR SMT 0402 1/16W 23K7 O		
		BAAN Description Line 2:		

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Device	Qty	Description	Manufacturer	Part Number
97978	1	RESISTOR SMT 0402 63MW 16K2 1%	VISHAY	CRCW04021622F?
			VISHAY	CRCW04021622F?
		Process Code: CMP	BAAN Description Line 1: RESISTOR 1/16W 16K2 OHM 1%	AVX KYOCERA
		Product Type: XE0	BAAN Description Line 2: SMT 0402	AVX KYOCERA
		Item Group: RES		KOA
		Reference Designators: R159		KOA
				RK73H1E?1622F
				RK73H1E?1622F
9004178	1	RESISTOR SMT 0402 1/16W 37K4 OHM ±1%	PANASONIC	CRCW04023742F?
			AVX KYOCERA	CR05-3742F-?
		Process Code: CMP	BAAN Description Line 1: RESISTOR 1/16W 37K4 OHM 1%	KOA
		Product Type: XE0	BAAN Description Line 2: SMT 0402	ROHM
		Item Group: RES		
		Reference Designators: R137		SAMSUNG
				RC1005F3742?
				RM73H1E?3742F
				MCRO1?F3742
9004179	1	RESISTOR SMT 0402 1/16W 12K4 OHM ±1%	PANASONIC	CRCW04021242F?
			AVX KYOCERA	CR05-1242F-?
		Process Code: CMP	BAAN Description Line 1: RESISTOR 1/16W 12K4 OHM 1%	KOA
		Product Type: XE0	BAAN Description Line 2: SMT 0402	ROHM
		Item Group: RES		
		Reference Designators: R136		SAMSUNG
				RC1005F1242?
				RM73H1E?1242F
				MCRO1?F1242
9004198	2	RESISTOR SMT 0402 1/16W 5R11 OHM ±1%	VENKEL	CR0402-16W-5R11FT
			VISHAY	CRCW04025R11F?
		Process Code: CMP	BAAN Description Line 1: RESISTOR 1/16W 5R11 OHM 1%	AVX KYOCERA
		Product Type: XE0	BAAN Description Line 2: SMT 0402	KOA
		Item Group: RES		SAMSUNG
		Reference Designators: R88, R89		ROHM
				RC1005F5R11?
				MCR01?F5R11
9004330	3	RESISTOR SMT 0402 63MW 52K3 1%	VISHAY	CRCW04025232F?
			AVX	CR05-5232F-?
		Process Code: UND	BAAN Description Line 1: RESISTOR 1/16W 52K3 OHM 1%	KOA
		Product Type: UND	BAAN Description Line 2: SMT 0402	ROHM
		Item Group: RES		
		Reference Designators: R12, R14, R221		SAMSUNG
				RC1005F5232?
				RM73H1E?5232F
				MCRO1?F5232
9004181	6	RESISTOR SMT 0402 63MW 16R5 1%	VISHAY	CRCW040216R5F?
			AVX KYOCERA	CR05-16R5F-?
		Process Code: CMP	BAAN Description Line 1: RESISTOR 1/16W 16R5 OHM 1%	KOA
		Product Type: XE0	BAAN Description Line 2: SMT 0402	ROHM
		Item Group: RES		PANASONIC
		Reference Designators: R1, R2, R3, R4, R5, R6		SAMSUNG
				RC1005F16R5?
				RK73H1E?16R5F
				MCRO1?F16R5
				ERJ2RKF16R5?

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Device	Qty	Description	Manufacturer	Part Number
9004347	2	RESISTOR SMT 0402 63MW 3K01 1%	PANASONIC	ERJ2RKF3011X
			ROHM	MCR01MZPF3011
		Process Code: UND	BAAN Description Line 1: RESISTOR 1/16W 3K01 OHM 1%	YAGEO
		Product Type: UND	BAAN Description Line 2: SMT 0402	9C04021A3011FLHF3
		Item Group: RES		VISHAY
		Reference Designators: R160, R205		CRCW04023011F?
9004194	2	RESISTOR SMT 0402 63MW 210K 1%	VISHAY	CRCW04022103F?
			AVX	CR05-2103F-?
		Process Code: UND	BAAN Description Line 1: RESISTOR 1/16W 210K OHM 1%	KOA
		Product Type: UND	BAAN Description Line 2: SMT 0402	RM73H1E?2103F
		Item Group: RES		ROHM
		Reference Designators: R188, R189		PANASONIC
				SAMSUNG
				RC1005F2103?
9004182	1	RESISTOR SMT 0402 1/16W 88K7 OHM ±1%	PANASONIC	CRCW04028872F?
			AVX KYOCERA	CR05-8872F-?
		Process Code: CMP	BAAN Description Line 1: RESISTOR 1/16W 88K7 OHM 1%	KOA
		Product Type: XE0	BAAN Description Line 2: SMT 0402	ROHM
		Item Group: RES		
		Reference Designators: R106		SAMSUNG
				RC1005F8872?
1001001	1	PCB NB PC-CARD PROTO REV B	UNDEFINED	Undefined
		Process Code: UND	BAAN Description Line 1: UNDEFINED	
		Product Type: UND	BAAN Description Line 2:	
		Item Group: UND		
		Reference Designators: NA		
9004356	1	DIO RF DUAL SERIES SCHOTTKY LIMITER SOT-23	SKYWORKS	SMS3922-005
		Process Code: CMP	BAAN Description Line 1: DIO RF DUAL SERIES SCHOTTKY LI	
		Product Type: XEO	BAAN Description Line 2:	
		Item Group: UND		
		Reference Designators: D2		
9004352	1	RES NET 2DB ATTN 50-OHM 0404	PANASONIC	EXB-24AT2AR3X
		Process Code: CMP	BAAN Description Line 1: RES NET 2DB ATTN 50-OHM 0404	
		Product Type: UND	BAAN Description Line 2:	
		Item Group: UND		
		Reference Designators: RN1		

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<i>Device</i>	<i>Qty</i>	<i>Description</i>			<i>Manufacturer</i>	<i>Part Number</i>	
9004377	0	RES SMT 1K62 1% 0402			PANASONIC	ERJ2RKF1621X	
		Process Code:	CMP	BAAN Description Line 1:	KOA SPEER	RK73H1ELT?1621F	
		Product Type:	UND	BAAN Description Line 2:	ROHM	MCR01MZSF1621	
		Item Group	UND				
		Reference Designators:	SP9				
9004141	2	XTR RF LNA NPN SIGE HBT 6GHZ S21=24DB NF=0.9DB SOT-23-4			SIRENZA MICRODEVIC	SGA-8343	
		Process Code:	CMP	BAAN Description Line 1:			
		Product Type:	Undef	BAAN Description Line 2:	Undefined		
		Item Group	XTR				
		Reference Designators:	Q1, Q2				