

Bill Of Materials for Rosetta - X.1.106.sch on Wed May 15 16:49:08 2002

Qty	MANUFACTURER	MANUFACTURER PN	SW PN	PACKAGE	DESCRIPTION	REF-DES
1						S1
1	HIROSE	FH12-30S-0.5SH	1710038	FH12-30S-0.5	30-PIN SM ZIF CONNECTOR	J4
1	JST	BM10B-SRSS-TB	1710099		10 PIN 1.0 mm pitch HEADER	J5
1	AMP	146886-1	1710178		PCMCIA 68-PIN ZERO OFFSET CONNECTOR	J1
1	2001 Technology	22-006A	1710196		NANO-PCB-LONG MOUNT RF CONNECTOR	J2
1	SENIOR	SI-583-SMT	1710223	SI-583	SMT 2.5mm AUDIO JACK	J7
1	INDUSTRIES, INC.					
1	TAIYO YUDEN	EVK105CH3R9JW	3000154	0402	3.9pF/50V 0402 SM CERAMIC CAPACITOR	C181
22	TAIYO YUDEN	JMK107BJ105M	3000170	0603	1uF 0603 SM CERAMIC CAPACITOR	C80 C82 C101-103 C118 C130-131 C133-134 C152 C166 C191-192 C223-225 C228 C230-233
7	TAIYO YUDEN	JMK107BJ105M	3000170	0603	1uF 0603 SM CERAMIC CAPACITOR	C163 C229 C234-238
1	TAIYO YUDEN	UMK105CH060D	3000203	0402	6pF/50V 0402 SM CERAMIC CAPACITOR	C81
3	TAIYO YUDEN	UMK105CH060D	3000203	0402	6pF/50V 0402 SM CERAMIC CAPACITOR	C5 C97 C200
14	TAIYO YUDEN	UMK105CH120JW	3000205	0402	12pF/50V 0402 SM CERAMIC CAPACITOR	C1 C11-12 C22 C52 C90 C92 C96 C98 C153-154 C199 C201-202
1	TAIYO YUDEN	UMK105CH270JW	3000208	0402	27pF/50V 0402 SM CERAMIC CAPACITOR	C250
10	TAIYO YUDEN	UMK105CH270JW	3000208	0402	27pF/50V 0402 SM CERAMIC CAPACITOR	C16 C18-19 C31-32 C47 C68 C71 C83 C214
29	TAIYO YUDEN	UMK105CH101JW	3000211	0402	100pF/50V 0402 SM CERAMIC CAPACITOR	C3 C15 C25-26 C33 C38 C49-50 C65 C74 C76 C78 C84 C119 C136 C138 C140 C184-186 C194 C196 C198 C212 C217 C243-245 C247
1	TAIYO YUDEN	UMK105CH101JW	3000211	0402	100pF/50V 0402 SM CERAMIC CAPACITOR	C249
5	TAIYO YUDEN	EMK105CH221K	3000214	0402	220pF/16V 0402 SM CERAMIC CAPACITOR	C64 C85 C112-113 C151
46	TAIYO YUDEN	EMK105BJ103MV	3000217	0402	10nF 0402 SM CERAMIC CAPACITOR	C2 C9 C24 C48 C57 C73 C87-88 C99-100 C111 C115-116 C129 C132 C135 C144-149 C156-162
						C165 C168-169 C171 C190 C207-211 C213 C215-216 C220-221 C1710 R97
4	TAIYO YUDEN	EMK105BJ223KV	3000225	0402	22nF 0402 SM CERAMIC CAPACITOR X7R	C75 C77 C141 C164
1	TAIYO YUDEN	EMK105BJ223KV	3000225	0402	22nF 0402 SM CERAMIC CAPACITOR X7R	C219
13	TAIYO YUDEN	UMK105CH100DW	3000227	0402	10pF/50V 0402 SM CERAMIC CAPACITOR	C123 C127 C150 C155 C167 C172-179
13	TAIYO YUDEN	UMK105BJ102KV	3000229	0402	1nF/50V 0402 SM CERAMIC CAPACITOR	C6 C14 C21 C70 C105 C120 C126 C180 C183 C187-188 C197 C397
1	TAIYO YUDEN	UMK105BJ102KV	3000229	0402	1nF/50V 0402 SM CERAMIC CAPACITOR	C42
22	TAIYO YUDEN	LMK105BJ104KV	3000230	0402	0.1uF/10V 0402 SM CERAMIC CAPACITOR	C27 C36 C39-40 C44-45 C51 C54-55 C72 C86 C104 C106-108 C110 C117 C137 C139 C143 C170
1	TAIYO YUDEN	LMK105BJ104KV	3000230	0402	0.1uF/10V 0402 SM CERAMIC CAPACITOR	C218
1	TAIYO YUDEN	UMK105CH121J	3000231	0402	120pF/50V 0402 SM CERAMIC CAPACITOR	C222
1	TAIYO YUDEN	EVK105CH1R5BW	3000233	0402	1.5pF/16V 0402 SM CERAMIC CAPACITOR	C241
6	TAIYO YUDEN	UMK105CH330JW	3000239	0402	33pF/16V 0402 SM CERAMIC CAPACITOR	C205
1	TAIYO YUDEN	UMK105CH050C	3000240	0402	5pF/50V 0402 SM CERAMIC CAPACITOR	C8 C28 C35 C63 C91 C182
3	TAIYO YUDEN	UMK105BJ471KV	3000267	0402	470pF 50V 0402 SM CERAMIC CAPACITOR	C69
1	TAIYO YUDEN	EVK105CH1R5BW	3000270	0402	1.5pF/16V 0402 SM CERAMIC CAPACITOR	C10 C242 C248
1	TAIYO YUDEN	EVK105CH1R5BW	3000270	0402	1.5pF/16V 0402 SM CERAMIC CAPACITOR	C23
1	TAIYO YUDEN	EVK105CH1R5BW	3000270	0402	1.5pF/16V 0402 SM CERAMIC CAPACITOR	C58
1	TAIYO YUDEN	EVK105CH3R3JW	3000272	0402	3.3pF/16V 0402 SM CERAMIC CAPACITOR	C34
2	TAIYO YUDEN	LMK105F224ZV	3000274	0402	220nF/10V 0402 SM CERAMIC CAPACITOR	C4 C62
4	MURATA	GRM42-6X5R106K6.3	3000311	1206	10uF/6.3V 1206 SM CERAMIC CAPACITOR	C59 C93 C121 C124
1	MURATA	GRM42-6X5R106K6.3	3000311	1206	10uF/6.3V 1206 SM CERAMIC CAPACITOR	C246
1	TAIYO YUDEN	EVK105CH030JW	3000332	0402	3pF/16V 0402 SM CERAMIC CAPACITOR	C79
2	VENKEL	TA010TCR226M-BR	3000624	CASE B	22UF TANT LOW ESR	C239-240
3	TAIYO YUDEN	TMK105B472MW	3000813	0402	4700pF/50V 0402 SM CERAMIC CAPACITOR X7R	C95 C109 C142
2	TAIYO YUDEN	EMK105BJ123ZV	3000814	0402	12nF/16V 0402 SM CERAMIC CAPACITOR	C61 C66
4	TAIYO YUDEN	UMK105CH820JW	3000817	0402	82pF/50V 0402 SM CERAMIC CAPACITOR	C17 C20 C37 C41
2	TAIYO YUDEN	EVK105CH1R0BW	3000818	0402	1.0pF/16V 0402 SM CERAMIC CAPACITOR	C60 C114
2	TAIYO YUDEN	EVK105CH1R6BW	3000819	0402	1.6pF/16V 0402 SM CERAMIC CAPACITOR	C46 C204
1	TAIYO YUDEN	UMK105CH220JW	3000820	0402	22pF/25V 0402 SM CERAMIC CAPACITOR	C13
4	TAIYO YUDEN	EVK105RH5R1JW	3000821	0402	5.1pF/16V 0402 SM CERAMIC CAPACITOR	C7 C43 C122 C128
1	TAIYO YUDEN	EVK105CH020BW	3000825	0402	2.0pF/50V 0402 SM CERAMIC CAPACITOR	C53
1	TAIYO YUDEN	EVK105CH0R9BW	3000826	0402	0.9pF/50V 0402 SM CERAMIC CAPACITOR	C56
3	TAIYO YUDEN	JMK316BJ475MD	3000828	1206	4.7uF/6.3V 1206 SM X5R CER CAP LOW PROFILE	C67 C189 C206
1	TAIYO YUDEN	EMK105F473ZV-F	3000829	0402	47 nF/50V 0402 SM CERAMIC CAPACITOR X7R	C94
3	TAIYO YUDEN	EVK105CH0R5BW	3000830	0402	0.5pF/16V 0402 HIGH FREQ. SM CERAMIC CAPACITOR	C125 C193 C203
1	TAIYO YUDEN	EVK105CH0R5BW	3000830	0402	0.5pF/16V 0402 HIGH FREQ. SM CERAMIC CAPACITOR	C195
10	ROHM	MCR01MZSJ0R0	3010300	0402	0R0 OHM 0402 SM RESISTOR	L61 R3 R43 R131 R139-142 R145 R148
2	ROHM	MCR01MZSJ0R0	3010300	0402	0R0 OHM 0402 SM RESISTOR	R134 R159

2	ROHM	MCR01MZSJ10R	3010302	0402	10 OHM 0402 SM RESISTOR	R4 R13
6	ROHM	MCR01MZSJ180	3010303	0402	18 OHM 0402 SM RESISTOR	R19 R21 R53-55 R70
3	ROHM	MCR01MZSJ510	3010305	0402	51 OHM 0402 SM RESISTOR	R5 R150-151
2	ROHM	MCR01MZSJ101	3010306	0402	100 OHM 0402 SM RESISTOR	R84-85
1	ROHM	MCR01MZSJ181	3010309	0402	180 OHM 0402 SM RESISTOR	R57
1	ROHM	MCR01MZSJ 301	3010311	0402	300 OHM 0402 SM RESISTOR	R52
11	ROHM	MCR01MZSJ102	3010316	0402	1K OHM 0402 SM RESISTOR	R1 R10 R17 R22 R26 R32 R50 R68-69 R71 R87
2	ROHM	MCR01MZSJ182	3010318	0402	1.8K OHM 0402 SM RESISTOR	R67 R138
1	ROHM	MCR01MZSJ 202	3010319	0402	2K OHM 0402 SM RESISTOR	R30
2	ROHM	MCR01MZSJ 332	3010321	0402	3K3 OHM 0402 SM RESISTOR	R2 R51
1	ROHM	MCR01MZSJ562	3010324	0402	5K6 OHM 0402 SM RESISTOR	R20
1	ROHM	MCR01MZSJ622	3010325	0402	6K2 OHM 0402 SM RESISTOR	R23
25	ROHM	MCR01MZSJ473	3010337	0402	47K OHM 0402 SM RESISTOR	R18 R81-83 R95 R113-116 R119-122 R126 R130 R133
						R147 R158 R235 R241 R400 R5100 R5200
						R5300 R5400
2	ROHM	MCR01MZSJ753	3010340	0402	75K OHM 0402 SM RESISTOR	R16 R75
11	ROHM	MCR01MZSJ104	3010343	0402	100K OHM 0402 SM RESISTOR	R6 R28 R31 R33 R35 R46 R58 R135-136 R143 R161
1	ROHM	MCR01MZSJ104	3010343	0402	100K OHM 0402 SM RESISTOR	R179
2	ROHM	MCR01MZSJ222	3010347	0402	2K2 OHM 0402 SM RESISTOR	R24 R112
2	ROHM	MCR01MZSJ184	3010351	0402	180K OHM 0402 SM RESISTOR	R60-61
1	ROHM	MCR01MZSJ 474	3010355	0402	470K OHM 0402 SM RESISTOR	R76
9	ROHM	MCR01MZSF 1002	3010360	0402	10K OHM 0402 SM RESISTOR	R7 R63 R73 R98 R100-102 R117 R132
20	ROHM	MCR01MZSF 1002	3010360	0402	10K OHM 0402 SM RESISTOR	R65-66 R34 R77-79 R88 R91 R96 R37 R99 R40-41 R59
						R62 R127-128 R27 R146 R178
						R74
1	ROHM	MCR01MZSJ560	3010367	0402	56 OHM 0402 SM RESISTOR	R14-15 R64
3	ROHM	MCR01MZSJ273	3010368	0402	27 KOHM 0402 SM RESISTOR	R80
1	ROHM	MCR01MZSJ241	3010381	0402	240 OHM 0402 SM RESISTOR	R44-45
2	ROHM	MCR01MZSJ822	3010385	0402	8.2K OHM 0402 SM RESISTOR	R90 R181
2	ROHM	MCR01MZSF2373	3010388	0402	237K 0402 SM RESISTOR	R180
1	ROHM	MCR01MZSF7502	3010390	0402	75K 0402 SM RESISTOR	R9 R93
2	ROHM	MCR01MZSJ27R	3010396	0402	27 OHM 0402 SM RESISTOR	R182 R225-226
3	KOA	SR73H2AT0R10F	3010409	0805	0R1 0805 SM RES	R89
1	TAIYO YUDEN	TBPS1R333K460H5Q	3010600	0603	33K OHM 0603 SM THERMISTOR	R129
1	KOA	SR73K2BTR033G	3010630	1206	0.033 OHM 1206 250mw SM RESISTOR	R25 R47-49 R103-111 R123-125 R144 R152-155
21	ROHM	MCR01MZSJ221	3010807	0402	220 OHM 0402 SM RESISTOR	R12 R36
2	ROHM	MCR01MZSJ680	3010810	0402	68 OHM 0402 SM RESISTOR	R11 R92 R94
3	ROHM	MCR01MZSJ153	3010814	0402	15KOHM 0402 SM RESISTOR	R38-39
2	ROHM	MCR01JMZS3R0	3010832	0402	3 OHM 0402 SM RESISTOR	R56
1	ROHM	MCR01MZSF1212	3010834	0402	12K1 OHM 0402 SM RESISTOR	R72
1	ROHM	MCR01MZSJ563	3010836	0402	56K OHM 0402 SM RESISTOR	C29-30
2	TAIYO YUDEN	EVK105CH2R4JW	3010839	0402	2.4pF/50V 0402 SM CERAMIC CAPACITOR	R42
1	ROHM	MCR01MZSJ122	3010842	0402	1.2K OHM 0402 SM RESISTOR	R86
1	KOA	SR73K2BTR039J	3010851	1206	0.039 OHM 1206 250mw SM RESISTOR	U30
1	QUALCOMM	IFR3000-48BCCF-MT	5000166	SQFP7X7-48	RX MODULATOR	U36
1	LINEAR TECHNOLOGY	LTC1622-CMS8	5000185	MSOP8	IC,LTC1622,STEP DOWN,DC/DC CONVERTER,MSOP8	U23
						U12 U17 U19
1	NEC	UPC8151TB	5000198	SOT23-5	AMPLIFIER IC WIDEBAND	U13
3	PHILIPS	74AHC1GU04GW	5000247	SOT-353	SM SINGLE INVERTER	U32
1	PHILIPS	74AHC1GU04GW	5000247	SOT-353	SM SINGLE INVERTER	U11 U31
1	XILINX	XC2S30-5CS144C	5000255	CS144	SPARTAN-11 2.5V FPGA	U45
2	Fairchild	NC7S86P5	5000275		2 Input XOR Gate	U1
1	Fairchild	NC7S86P5	5000275		2 Input XOR Gate	U606
1	SILICON LABS	SI4133-XM1	5000306	MLF28	RF SYNTHESIZER WITH VCOS	U16
1	TelCom	TC54VC3602ECB713	5000315	SOT-23A-3	VOLTAGE DETECTOR	U9
1	QUALCOMM	RFT3100-32BCCPD-1	5000320		TX BASEBAND-RF PROCESOR	U20
1	MURATA	LFDP15N0039A	5000322		PCS-AMPS DIPLEXER	U21
1	Fairchild	NC7S258	5000323		Universal Configurable 2 Input Logic Gate	U14
1	QUALCOMM	MSM5105-208FBGA	5000325	BGA208	MSM5105 CDMA PROCESSOR	U22
1	National Semiconductor	LMV321M7X	5000326	SC70-5	Operationl Amplifier	U4
1	FUJITSU	FAR-D5CN-881M50-D1N1	5000330		AMPS Duplexer	U22
1	Infineon	CMY-210	5000331		RF Mixer	U4
1	Alpha	AS170-92	5000334		RF Switch	U8
1	SILICONIX	SI2305DS	5000346	SOT23	P-CHANNEL MOSFET	Q8
1	SILICONIX	SI2305DS	5000346	SOT23	P-CHANNEL MOSFET	Q9
2	NEC	UPC2763TB	5000376		AMPLIFIER IC WIDEBAND	U3 U18
5	National Semiconductor	LP2985IBP-3.0	5000396	BPA05	3V LDO with OFF/ON control	U39-43
1	National Semiconductor	LP2985IBP-2.5	5000397	BPA05	2.5V LDO with OF/ON control	U44
1	INFINEON	CMH82-VQFN-20	5000415	VQFN-20	GaAs MMIC Cellular LNA/Mixer	U5
5	National Semiconductor	LP3985IM5-3.0	5000441	SOT-23-5	3V LDO with OFF/ON control	U24 U26 U28-29 U35

1	RF MICRO-DEVICES	PA3100-2	5000455		MATCH CELLULAR PA	U27
1	RF MICRO-DEVICES	PA3100-3	5000456		MATCH PCS PA	U37
1	National	LP3985IM5-2.5	5000478	SOT-23-5	2.5V LDO with OFF/ON control	U34
	Semiconductor					
1	PANASONIC	EHF4CT0835	5000486		820 - 850MHz SMT DIRECTIONAL COUPLER	U33
1	PANASONIC	EHF4CQ1810	5000487		1710 - 1910MHz SMT DIRECTIONAL COUPLER	U38
1	AGILENT	HPMD-7904	5000488		PCS FBAR DUPLEXER	F1
1	MOTOROLA	MMBT3904LT1	5010006	SOT23C	NPN TRANSISTOR	Q6
1	Philips	BFR92AT	5010046	SC75	NPN TRANSISTOR	Q1
2	Infineon	BFP620	5010047	SOT-343	NPN LNA Silicon RF Transistor	Q4 Q13
1	Toshiba	2SK2035	5010048		N Channel MOSFET Switching Transistor	Q2
1	Toshiba	2SK2035	5010048		N Channel MOSFET Switching Transistor	Q11
1	Fairchild	FDG6304P	5010052	SC-70-6	Dual P Channel MOSFET	Q3
2	Fairchild	FDG6321C	5010054	SC-70-6	Dual Complementary Channel MOSFET	Q5 Q7
1	RALTRON	RTVY-174EF33E-S-19.2	5020052		19.2 MHz TCXO	U2
1	MICRO CRYSTAL	MS1V-TK 32.768KHZ	5020056	MS1V	32.768KHZ SM CRYSTAL, LO PROFILE, 2MM	Y1
		12.5PF 100PPM				
1	EPSON	12.5PF 20PPM 00	5020059	FC255	32.768KHZ SM CRYSTAL, LO PROFILE, 0.95MM	Y3
1	MURATA	LQP10A10NJ00	5030054	0402	10nH 0402 SM MULTILAYER INDUCTOR	L16
3	MURATA	LQP10A2N7C00	5030056	0402	2.7nH 0402 SM MULTILAYER INDUCTOR	L8 L18 L34
1	MURATA	LQP10A2N7C00	5030056	0402	2.7nH 0402 SM MULTILAYER INDUCTOR	L30
4	MURATA	LQP10A5N6C00	5030058	0402	5.6nH 0402 SM MULTILAYER INDUCTOR	L23-24 L41 L47
1	MURATA	LQW1608AR12J00	5030065	0603	120nH 0603 SM WIREWOUND INDUCTOR	L5
1	MURATA	LQG10A68NJ00	5030078	0402	68nH 0402 SM MULTILAYER INDUCTOR	L7
1	MURATA	LQG10A68NJ00	5030078	0402	68nH 0402 SM MULTILAYER INDUCTOR	L36
18	TOYOYUDEN	BK1005HW601	5030082	0402	Multilayer Ferrite Chip Bead	L6 L13 L25-29 L44-46 L48-50 L54 L56 L58-59 L156
2	SUMIDA	CDRH5D18-4R1NC	5030108	7B06	4.1uH SM INDUCTOR	L21 L33
1	SUMIDA	CDRH5D18-4R1NC	5030108	7B06	4.1uH SM INDUCTOR	L32
1	MURATA	LQG10A6N8J00	5030230	0402	6.8nH 0402 SM MULTILAYER INDUCTOR	L11
1	MURATA	LQP10A8N2C00	5030250	0402	8.2nH 0402 SM MULTILAYER INDUCTOR	L39
1	COILCRAFT	0402CS-23NXJBW	5030261	0402	23nH 0402 SM WIREWOUND INDUCTOR	L12
1	COILCRAFT	0603CS-R27XJBC	5030262	0603	270nH 0603 SM WIREWOUND INDUCTOR	L35
1	COILCRAFT	0603CS-47NXGB	5030281	0603	47nH 0603 SM WIREWOUND INDUCTOR	L51
2	COILCRAFT	0603CS-R18XGB	5030362	0603	180nH 0603 SM WIREWOUND INDUCTOR	L37 L55
1	COILCRAFT	0603CS-R15XGB	5030363	0603	150nH 0603 SM WIREWOUND INDUCTOR	L4
1	MURATA	LQG10A15NJ00	5030364	0402	15nH 0402 SM MULTILAYER INDUCTOR	L42
1	MURATA	LQG10A47NJ00	5030365	0402	47nH 0402 SM THIN FILM INDUCTOR	L40
1	MURATA	LQW1608AR10J00	5030366	0603	100nH 0603 SM WIREWOUND INDUCTOR	L43
1	COILCRAFT	0603CS-39NXGB	5030369	0603	39nH 0603 SM WIREWOUND INDUCTOR	L17
5	MURATA	LQG10A3N3S00	5030371	0402	3.3nH 0402 SM MULTILAYER INDUCTOR	L1-2 L14 L22 L57
3	COILCRAFT	0402CS-47NXJBW	5030372	0402	47nH 0402 SM WIREWOUND INDUCTOR	L9-10 L60
2	MURATA	LQG10A12NJ00	5030375	0402	12nH 0402 SM MULTILAYER INDUCTOR	L3 L31
3	MURATA	LQG10A12NJ00	5030375	0402	12nH 0402 SM MULTILAYER INDUCTOR	L38 L52-53
1	COILCRAFT	0402CS-9N0XJB	5030382	0402	9.0nH 0402 SM WIREWOUND INDUCTOR	L15
2	COILCRAFT	0402CS-36NXJBW	5030385	0402	36nH 0402 SM WIREWOUND INDUCTOR	L19-20
2	ROHM	UDZ5.6B	5040005	SOD-323	SM 5.6V ZENER DIODE	D5 D10
1	ROHM	RB161L-40	5040064	SOD-106	SCHOTTKY DIODE	D4
1	STANLEY	BRPG1211F-TR	5040070	HSMS-C660	HIGH-EFF BI-COLOR SMT LED RT ANGLE	D3
2	Alpha	SMS7621-079	5040075		Detector Schottky Diode	D1-2
4	ALPHA	SMV1247-079	5040099	SC79	SMV1247 SM VARACTOR DIODE	D6-9
2	MURATA	NFM2012P14C104R-T1	5050039	0805	EMI FILTER CAPACITOR	C226-227
1	EPCOS	B7801	5050059		1960MHZ RX SAW BPF FILTER	U10
1	EPCOS	B7802	5050060		1880MHZ TX SAW BPF FILTER	U15
1	THOMSON	TMX P349	5050062		183.6 MHz IF CDMA Filter	F4
1	EPCOS	LC08E	5050063		836.5MHZ RX SAW BPF FILTER	U7
1	EPCOS	LC09E	5050064	DCS4C	881.5MHZ RX SAW BPF FILTER	U6
1	SST	SST34HF1641-70-4C-LFP	5060018	BGA-65	PROGRAMMED AC555, STACKED 16Mx16 FLASH	U25
					4Mx8 SRAM	
1	TAIYO YUDEN	EVK105CH1R3BW	???	0402	1.3pF/16V 0402 SM CERAMIC CAPACITOR	C600
4	N/A	N/A	N/A	N/A	FIDUCIAL	FD1-4
3	N/A	N/A	N/A	HOLE125	MOUNTING HOLE 125MIL	M1-3
30	N/A	N/A	N/A	N/A	40 ROUND SM TEST POINT	TP1-28 TP32 TP35