

Product Name: ZcoRE3-2400
Title: ZcoRE3-2400 Assembly BOM Report
Report Generation Date: February 15, 2007
Version: A004

Model No.: PT-2418G-S-0

Assembly Part Number	Assembly Description
R-001-0003-410	Unit assembly,ZcoRE3-2400, CMOS seriars ports,Mesh

P/N Level	Renex Part Number	Description	Qty.	Manufacturer	Mfg.Part No.	Footprint	Designator
2	001-2075-000	SHIELD BOX for WM0320, Pretinned Steel	1	TBD			
2	001-2076-000	SHIELD BOX COVER FOR WM0320, PRETINNED STEEL					
2		Label, WM0320 shielding box, x mm	1	TBD			
.3	090-1216-S00	PCB ASSEMBLY, Renex WM0350 pcb assembly					
.3	000-0000-000	LOCATION, EMPTY,PCB ASSEMBLY	1				C58
.3	R-001-1216-000	PCB bare board, WM0350, small size 2.4G Ember modem wo/PA,C1D1	1				
.3	130-0136-000	IC,8-BIT AVR MCU W/128K FLASH, MLF-64	1	ATMEL	ATMEGA128L-8MU	64M1-QFN/MLF	U1
.3	130-0140-000	IC, 2.4GHZ RF TRANSCEIVER	1	EMBER	EM2420	EM2420-QLP48	U2
.3	210-0000-608	RES CHIP, 0R, 0402, 1/10&1/16W, 5%	1		0R	0402W	R5
.3	210-1001-104	RES CHIP, 1K, 0402, 1/16W, 5%	1		1K	0402W	R8
.3	210-1002-604	RES CHIP,10K,0402,1/16W,1%	1		10K	0402W	R20
.3	210-1003-108	RES CHIP,100K,0402,1/16W,5%	1		100K	0402W	R7
.3	210-4303-108	RES CHIP,43K,0402,1/16W,5%	1		43K	0402W	R6
.3	210-5100-601	RES CHIP,510R,0402,1/16W,5%	2		510R	0402W	R3,R4
.3	210-5103-108	RES CHIP,510K,0402,1/16W,5%	2		510K	0402W	R1,R2
.3	250-0013-021	CHIP CAP,CER,10nF,16V,0402,X7R,10%	6	Murata	GRM155R71E103KA01	0402W	C10-C14,C61
.3	250-0019-011	CHIP CAP,CER,0.1uF,10V,0402,X5R,10%	6	Murata	GRM155R71C104KA88	0402W	C1,C3,C4,C5,C6,C7
.3	250-0021-051	CHIP CAP,CER,68pF,50V,0402,C0G,5%	4	Murata	GRM1555C1H680JZ01	0402W	C19,C20,C27,C28
.3	250-0032-051	CHIP CAP,CER,5p6,50V,0402,C0G,+/-0.5p	1	Murata	GRM1555C1H5R6DZ01	0402W	C24
.3	250-0080-051	CHIP CAP, 0.5PF 50V +/-0.25PF NPO 0402 SMT	3			0402W	C25,C26,L13
.3	250-0051-001	CHIP CAP,CER,10uF,10V,0805,X5R,10%	2	Murata	GRM21BR61A106KE19	2012[0805]	C17,C18
.3	250-0180-051	CHIP CAP,CER,18pF,50V,0402,C0G,5%	2	Murata	GRM1555C1H180JZ01	0402W	C15,C16
.3	250-0390-051	CHIP CAP,CER,39pF,50V,0402,C0G,5%	2	Murata	GRM1555C1H390JZ01	0402W	C23,C38
.3	280-0016-000	INDUCTOR, EMI Ferrite Chip Beads,100mA,0603	1	STEWART	HZ0603A222R-00	0603W	L1
.3	280-0039-000	INDUCTOR, 8.2NH 10% 0402	1			0402W	L5
.3	280-0040-000	INDUCTOR, 6.8NH 10% 0603	1			0603W	L4
.3	280-0041-000	INDUCTOR, 6.8NH 10% 0402	1			0402W	L3
.3	280-0092-000	INDUCTOR, 3NH, 0402,190mA,+/-0.1nH	1	Murata	LQP15MN3N0B02	0402W	C39
.3	280-0087-000	INDUCTOR,10UH,900mA,20%,1210,SMD,TAPE&REEL	1			1210	L2
.3	310-0049-000	LED YELLOW DIFUSED 0603 SMT	1			0603W	DS2
.3	310-0052-000	LED,RED, DIFUSED ,0603 SMT	1			0603W	DS1
.3	390-0010-000	CRYSTAL, 8.000MHZ 4PIN SMD	1			OSCILLATOR-SMD	X2
.3	390-0011-000	QUARTZ CRYSTAL,32.768KHZ,SE3202-ND	1			SMD 1.5x3.2mm	X1
.3	390-0012-000	CRYTSAL, 16.000MHZ +/-10PPM FREQ	1			ILCX17	X3
.3	400-0614-000	Header, Male,Double Row,1.27 mm pitch,20x2 Pos, SMD.	1	Jih Wei Electronics (KunShan) Co., Ltd.	21N21040-40M00B-01G-2/5.8	1.27MM 20x2 SMT CON	J1
.3	411-0039-000	ESD Suppressor, Single Line Polymer ESD Suppressor with SurgX technology	1	Cooper	0603ESDA	0603W	U6
.3	290-0010-000	Chip antenna, LAN Chip Type Antenna ACA7636A1SXX	1	INPAQ	ACA7636A1	ACA7636A1	E1
.3	490-0111-000	FUSE, 500mA, 0603, 434 series	1	Littelfuse	0434.500	0603W	F1

Revision History

Revision No	Description	Date
A001	First version draft,	November 13, 2006