
		Bill Of Material		Name	
				Zigbee CF Gateway	
		Date/Sign		Document No.	
		2009-01-09/JE		60 3081 073-2	
Number	Reference	Name	Art. No.	Note	
1	1	PCB	13 3081 072	PCB	
1	2	Label	-	20x10 White	
2	B1-2	B-MBS2	321 501 016	Bridge rectifier	
3	C10-11 C22	0603-1NF,1n	313 340 037	Capacitor	
1	C12	1206-1U,1u	313 261 013	Capacitor 1206	
1	C13	0603-47NF,47n	313 240 057	Capacitor	
4	C1-4	1206-1NF,1n/500V	313 560 037	Capacitor 1206	
4	C14-17	1210-10U,10u	313 272 001	Capacitor Y5V 1210	
1	C18	0805-1U,1u	313 101 013	Capacitor	
2	C19 C62	0603-47PF,47pF	313 340 021	Capacitor	
5	C20 C42-43 C53-54	0603-10NF,10n	313 340 049	Capacitor	
	C21 C24 C35-36 C41				
8	C45 C49 C51	0603-100NF,100n	313 341 001	Capacitor	
1	C23	CAP100UF/25V/D63	314 202 013	Ellyt capacitor	
9	C25-26 C28 C37-38 C44	0805-1nF	313 400 037	Capacitor X7R 100V 10%	
	C46-48				
1	C27	0805-10uF	313 102 001	Capacitor X5R 10V 10%	
6	C29-34	0603-220NF,220n	313 241 005	Capacitor	
2	C39-40	0603-15PF,15p	313 340 015	Capacitor	
3	C5 C8-9	1206-100NF,100n/100V	313 461 001	Capacitor 1206	
1	C6	0805-220NF,220n	313 251 005	Capacitor	
1	C7	CAP10UF/100V/D63	314 402 001	Ellyt capacitor	
1	D10	0805_LED_Y	321 700 020	Everlight EL17-21VYC	
2	D1-2	D-BAS16	321 100 002	Diode	
3	D3-5	ZHCS750	321 201 003	Schottky diode	
1	D6	0805_LED_R	321 700 019	Everlight EL17-21VRC	
1	D7	BAT54	321 200 022	Schottky diode	
1	D9	0805_LED_G	321 700 021	Everlight EL17-21VGC	
1	IC1	IC-LM5070MTC-50	339 000 004	PoE PWM controller	
1	IC2	XC6203E332FR	331 300 010	Voltage regulator	
1	IC3	MCF52233CAF60	330 100 034	Freescale ColdFire 52233	
1	IC4	24C64	330 201 008	E2prom, serial	
1	IC5	IC-MAX3483ECSA	334 100 003	3.3V RS485 Transceiver	
1	J1	J-RJ45-88-RJHS5381	340 116 053	LAN/TP-jack	
1	J2	J-AMP215875-1	340 112 033	AMP 0-0215875-1	
1	J3	J-DC-PLUG-3P	340 411 032	DC-PLUG 3-pole	
1	J4	Pin List 2x6 P2,54 H12,6	340 216 090	2x6 PINLIST 2.54mm	
1	J5	Header Female 1x7 P2,0	340 215 075	1x7 Female conn. 2mm	
1	J6	Pin List 1x3 P2,54 H12,6	340 212 077	1x3 PINLIST 2.54mm	
-	J7, R39	Do Not Mount	Do Not Mount	Do Not Mount	
1	J8	CON1X2\S	340 212 062	1x2 PINLIST 2.54mm	
1	L1	1812-1UH	322 400 004	Inductor	
1	L2	ACM2520-451-2P	322 900 035	Common mode inductor	
1	L3	1210-10uH	322 300 033	1210 Chip Ind 5% 140mA	
1	L4	PE-53913NL	322 900 034	Common mode inductor	
1	L5	1210-1UH	322 300 009	1210 Chip Ind 5% 230mA	
1	Q1	SI4848DY	320 102 013	NMOSFET, 150V, 3.5A	
1	R10	0603-33K,33k	301 404 104	Resistor	
2	R11-12	0805-22R,22R	302 421 067	Resistor	
1	R14	1206-1R,1R	303 430 014	Resistor	
4	R1-4	0805-75R,75R	302 421 180	Resistor	
5	R15 R23-24 R32-33	0603-100R,100R	301 402 001	Resistor	
1	00110	080710/JE	5		
2	00139	090203/JE	6		
3			7		
4			8		

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1	R16	0603-15K,15k	301 404 035	Resistor	
1	R17	0603-220K,220k	301 405 067	Resistor	
1	R18	0603-91K,91k	301 404 198	Resistor	
	R19 R34-35 R37 R48-49				
10	R53 R56-58	0603-10K,10k	301 404 001	Resistor	
1	R20	miniSMDC050	329 000 015	PolySwitch 500mA	
3	R21 R36 R41	0603-2K2,2k2	301 403 067	Resistor	
1	R25	0603-12K4,12k4	301 404 019	Resistor	
1	R26	0603-330R,330R	301 402 104	Resistor	
1	R27	0603-10M,10M	301 407 001	Resistor	
4	R28-31	0603-49R9,49R9	301 401 142	Resistor	
6	R40 R45-47 R50-51	0603-4K7,4K7	301 403 137	Resistor	
6	R5 R38 R42-43 R54-55	0603-150R,150R	301 402 035	Resistor	
1	R52	2512-120R,120R	304 445 016	Resistor	
1	R6	0603-24K9,24k9	301 404 078	Resistor	
2	R7 R13	0603-100K,100k	301 405 001	Resistor	
1	R8	0603-560K,560k	301 405 153	Resistor	
2	R9, R22	0603-1K2,1k2	301 403 016	Resistor	
2	S1-2	TA2-31W-V	341 001 009	TACT-switch	
1	T1	TR-LAN-TX/RX-CT	323 200 001	LAN isolation transformer	
1	T2	TR-POE30P-50L	323 100 002	PoE flyback transformer	
1	XTAL1	XTAL25MHZ-HC49/4H	325 001 004	HC49/4H SMD	
1	Z1	SM6T68A	321 406 017	ST Microelectronics SM6T	
1	Z2	SM6T6V8A	321 406 015	ST Microelectronics SM6T	
2	Z3-4	SM6T10A	321 406 011	ST Microelectronics SM6T	
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1	00110	080710/JE	5		
2	00139	090203/JE	6		
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