

PIKSI MULTI ETHERNET INTERFACE EBOM								
Item No	Quantity	Reference Designator	Value	Description	Manufacturer	Manufacturer Part Number	Operating Temperature	PCB Footprint
1	15	C1, C2, C6, C7, C9, C10, C11, C12, C13, C14, C15, C16, C18, C19, C22	0.1uF	CAP CER 0.1UF 50V X7R 0402	MURATA	GCM155R71H104KE02J	-55°C to +125°C	C0402
2	6	C3, C4, C5, C8, C17, C20	4.7uF	CAP CER 4.7UF 10V X5R 0402	MURATA	GRM155R61A475MEAAD	-55°C to +85°C	C0402
3	1	C21	0.22uF	CAP CER 0.22UF 10V X5R 0402	SAMSUNG	CL05A224KP5NNNC	-55°C to +85°C	C0402
4	1	C30	1nF	CAP CER 1000PF 250V X7R 0603	MURATA	GRM188R72E102KW07D	-55°C to +125°C	C0603
5	1	F1	220R	FERRITE BEAD 220 OHM 0805 1LN	MURATA	BLM21PG221SN1D	-55°C to +125°C	F0805
6	1	J1	1840750-7	Conn RJ-45 F 8 POS 2.54mm Solder RA Thru-Hole 8 Terminal 1 Port	BEL TRP	1840750-7	-55°C to +125°C	1840750-7
7	3	R2, R3, R5	40R2	RES SMD 40.2 OHM 1% 1/16W 0402	YAGEO	RC0402FR-0740R2L	-55°C to +155°C	R0402
8	2	R1, R4	4.99K	RES SMD 4.99K OHM 1% 1/16W 0402	YAGEO	RC0402FR-074K99L	-55°C to +155°C	R0402
9	1	R6	1M	RES SMD 1M OHM 1% 1/5W 0402	PANASONIC	ERJ-PA2F1004X	-55°C to +155°C	R0402
10	1	U1	88E1512-A0-NNP2I000	Integrated 10/100/1000 Mbps Energy Efficient Ethernet Transceiver	MARVELL	88E1512-A0-NNP2I000	-40°C to +85°C	88E1512-A0-NNP2I000
11	1	U2	DSC1001DI2-025.0000T	MEMS OSC XO 25.0000MHZ CMOS SMD	MICROCHIP	DSC1001DI2-025.0000T	-40°C to +85°C	DSC1001DI2-025.0000T