







Bill of Materials

Bill of Materials For Project [etherceptor.PrjPcb] (No PCB Document Selected)

 Source Data From:
 etherceptor.PrjPcb

 Project:
 etherceptor.PrjPcb

 Variant:
 None

 Creation Date:
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#	Description	Value	Quantity	Designator	Footprint	Manufacturer	ProductCode	Vendor	VendorCode	Price S	Subtotal
1	Capacitor	10uF	12	C1, C10, C25, C26, C27, C28, C38, C41, C43, C50, C53, C55	1608[0603]_CAP2	SAMSUNG	CL10A106MPNNHBC	Digikey	1276-6775-1-ND	0,22	2,64
2	Capacitor	100nF	40	C2, C3, C4, C5, C6, C7, C8, C9, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C23, C24, C29, C33, C34, C35, C36, C37, C39, C40, C42, C44, C45, C46, C47, C48, C49, C51, C52, C54, C56	1005[0402]_CAP2	SAMSUNG	CL05B104KO5NNNC	Digikey	1276-1001-1-ND	0,01	0,40
3	Capacitor	4n7F	1	C22		SAMSUNG	CL05B472KB5NNNC	Digikey	1276-1125-1-ND	0,09	0,09
4	Capacitor	22nF	1	C30	1005[0402]_CAP2	SAMSUNG	CL05B223KP5NNNC	Digikey	1276-1538-1-ND	0,10	0,10
5	Capacitor	8n2F	2	C31, C32	1005[0402] CAP2	SAMSUNG	CL05B822KA5NNNC	Digikey	1276-1590-1-ND	0,09	0,18
6	SMD LED	GREEN	1	D1	1608[0603] LED	BROADCOM	HSMG-C190	Digikey	516-1425-1-ND	0,55	0,55
7	SMD LED	ORANGE	2	D2, D3	1608[0603] LED	BROADCOM	HSMD-C191	Digikey	516-2826-1-ND	0,55	1,10
8	Zener Diode	9V1	1	D4	SOD123F	NEXPERIA	NZH9V1B	Digikey	1727-5081-1-ND	0,20	0,20
9	Ferrite Bead	600Z	3	FB1, FB2, FB3	1005[0402] FB2	MURATA	BLM15AX601SN1D	Digikey	490-5441-1-ND	0,11	0,33
10	XTAG2 Connector		1	J1	M40-3201045R	HARWIN	M40-3201045R	Digikey	952-1672-1-ND	2.47	2,47
11	Micro-USB B Receptacle with Flange, Bottom Mount, SMT, Lead- Free		1	J2	MOLEX_105017-0001	MOLEX	105017-1001	Digikey	WM11262CT-ND	1,43	1,43
12	Right Angle,RJ45-Keyed, Flange Mount PCB Jack		2	J3, J4	Steward Con RJ45	STEWART CONNECTOR	SI-60062-F	Digikey	380-1106-ND	4,07	8,14
13	Inductor	2u2H	2	L1. L2	2012[0805] IND	WURTH	74479275222	Digikev	732-9708-1-ND	1.28	2,56
14	Header, 2-Pin	20211	1	P1	HDR1X2	WORTH	1441 321 3222	Digiticy	132 37 00 1 14D	1,20	0,00
15	Header, 3-Pin		1	P2	HDR1X3					+	0,00
16	Resistor	1K	4	R1. R3. R4. R5		PANASONIC	ERJ-2GEJ102X	Diaikev	P1.0KJCT-ND	0.09	0,36
17	Resistor	4R7	1	R2			ERJ-2GEJ4R7X		P4.7JCT-ND	0.09	0,09
18	Resistor	10K	7	R6. R13. R14. R15. R20. R21. R22			ERJ-2RHD1002X		P15984CT-ND	0.10	0,70
19	Resistor	33R	10	R7. R8. R9. R10. R11. R12. R23. R35. R38. R50			ERJ-2GEJ330X	Digikey	P33JCT-ND	0.02	0,20
20	Resistor	1M	1	R16			ERJ-2RKF1004X		P1.00MLCT-ND	0.09	0,09
21	Resistor	100K	1	R17			ERJ-2RKF1003X		P100KLCT-ND	0.09	0,09
22	Resistor	33K2	1	R18			ERA-2AEB3322X	Digikey	P33.2KDCCT-ND	0.40	0,40
23	Resistor	3K09	1	R19			ERA-2AEB3091X		P3.09KDCCT-ND	0.40	0,40
24	Resistor	110R	4	R24, R25, R39, R40			ERJ-2GEJ111X		P110JCT-ND	0.02	0,08
25	Resistor	49R9	8	R26. R31. R32. R34. R41. R46. R47. R49			ERJ-2RKF49R9X		P49.9LCT-ND	0.02	0,16
26	Resistor	2K2	10	R27, R28, R29, R36, R37, R42, R43, R44, R51, R52			ERJ-2RKF2201X		P2.20KLCT-ND	0.02	0,20
27	Resistor	1K5	2	R30. R45		PANASONIC	ERJ-2RKF1501X		P1.50KLCT-ND	0.09	0,18
28	Resistor	4K87	2	R33. R48			ERJ-2RKF4871X		P4.87KLCT-ND	0.02	0,04
29	Switch		1	\$1		PANASONIC	EVQ-5PN05K	Digikey	P13596SCT-ND	0.54	0,54
30	XMOS xCORE200 Processor		1	U1	XMOS LQFP 128 XEF216 512		XEF216-512-TQ128-C20	Digikev	880-1100-ND	18.00	18,00
31	Tripple Buffer		1	112			NC7NZ34K8X	Digikev	NC7NZ34K8XCT-ND	0.45	0,45
32	Dual Buffer (open drain output)		1			ON SEMICONDUCTOR	NC7WZ07P6X		NC7WZ07P6XCT-ND	0.36	0,36
33	Buck converter	1	2	U4. U5	SOT-23-8	TEXAS INSTRUMENTS	TPS562210DDFT	Digikey	296-41139-1-ND	1.48	2,96
34	Power on Reset controller 0.9V		1	U.G.	SOT23-6	TEXAS INSTRUMENTS	TPS3808G09DBVR		296-17189-1-ND	1.74	1.74
	PHYTER® Commercial Temperature Single Port 10/100 Mb/s		2	U7, U8	TSQFP50P900X900-48M		DP83848CVVX/NOPB		DP83848CVVX/NOPBCT-ND	4.94	9.88
-	Ethernet Physical Laver Transceiver, 48-pin LQFP	1	[TI TT	1			Jgcy		.,	5,50
36	Crystal Oscillator		1	Y1	OSC 32 25	ABRACON	ASTMLPE-25.000MHZ-EJ-E-T	Digikev	535-13121-1-ND	1.50	1.50
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