

AS of 12/23/07

BILL OF MATERIAL



Customer/Project: **On Semi / NB3N3020**

Part Number: **EBT-1512-01**

ITEM	QTY	REF DES	VALUE	SIZE	MFG	P/N	Description
1	3	BJ1-BJ3			ITT POMONA ELECTRONICS	B-JACK 1/4-32 THREAD	BANANA JACK
2	8	C2,C3,C5,C8,C14,C16,C18,C21	.01ufd	0402	AVX Corporation	04023C103KAT2A	CAP CERM .01UF 10% 25V X7R 0402
3	9	C1,C4,C6,C11,C15,C17,C19,C20,C22	.01ufd	0603	Murata	GRM188R71H103KA01D	CAP CER 10000PF 50V 10% X7R 0603
4	2	C7, C10	.01ufd	0805	TDK	C2012X7R1H103K	CAP CER .01UF 50V X7R 10% 0805
5	2	C41,C42	27pfd	0603	AVX Corporation	06031A270FAT2A	CAP CERM 27PF 1% 100V NP0 0603
6	3	C9,C12,C13	10ufd	7343	Kemet	T491C106K016AT	CAPACITOR TANT 10UF 16V 10% SMD
7	2	J12,J15	2 Pin		Sullins	PEC36SACN	CONN HEADER .100 SINGL STR 36POS
8	5	J10,J12,J13,J14,J15			SULLINS ELECTRONICS CORP	STC02SYAN	CONN JUMPER SHORTING TIN
9	3	J10,J13,J14	3 Pin		Sullins	PEC36SACN	CONN HEADER .100 SINGL STR 36POS
10	1	R1	33.2	0805	Panasonic - ECG		RES 33.2 OHM 1/16W 1% 0805 SMD
11	1	R12	0	0805			
12	10	J1-6,J8,J9,J16,J17			Emerson Network Power Connectivity Solutions	142-0701-801	CONN JACK END LAUNCH PCB .187" G
13	4	J7,J11,J18,J19	SMT		KEYSTONE ELECTRONICS	5016	PC TEST POINT COMPACT SMT
14	2	Y1 Socket Pins	BOTTOM		Ampere	2-330808-8	CONN SOCKET RCPT .013-0.21 30AU
15	4	Standoff					Nylon Standoff
16	4	Screw					Nylon Screw

NOTE: BOARD THICKNESS of .062" WILL NOT ACCOMMODATE PEM NUTS

DO NOT INSTALL THE FOLLOWING PARTS

17	1	C2		0402			
18	9	R2,R3,R4,R5,R6,R7,R8,R11,R15		0805			
19	2	R14,R16		0603			
20	1	Y1,Y2			ECLIPTEK	ECX-6150-25.000M	XTAL
21	1	DUT1			M&M	50-000-00809	Socket NO Component cutout
22	1	U1			On Semi	NB3N3020	16 lead Tssop Dut in socket

CUSTOMER PROVIDED PARTS