



 NOVEL-TECH			
Designer:	Drawing Title:		
Drawn by:	Page Title:		
Approved:	Size	Document Number	Rev
Date:		Sheet	of

Bill of Materials

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

Source Data From: **Power Monitor.PrjPcb**
 Project: **Power Monitor.PrjPcb**
 Variant: **None**

Creation Date: 11/14/2014 10:40:22 PM
 Print Date: 41957 41957.94476

Footprint	Comment	LibRef	Designator	Description	Quantity
CAPP5X12.5	TitleBlock 220uF/50V	TitleBlock CAPACITOR_T ANTAL_SMD	C1		1
CAPC2012N	10uF 10V	Cap	C2, C3	Capacitor	2
CAPC2012N	22uF	Cap	C4, C5, C7, C9, C11, C12, C13	Capacitor	7
CAPC1005N	100nF	Cap	C6, C8, C10, C14	Capacitor	4
TB-5.08-2	CTB0118/2	TB-2	CON1, CON3		2
HEADER 2X3 1.27mm	ICD	PIC-ICD	CON2	BD095-06A-A0-0200-0070-0570-LG	1
TB-5.08-3	TB-3	TB-3	CON4, CON5, CON6, CON7, CON8, CON9, CON10, CON11, CON12, CON13, CON14, CON15, CON16		13
USB-B-V	USB B	USB CON	CON17		1
SMA- DO214AA	SK34A	D Schottky	D1	Schottky Diode	1
HDR1X2- 2.54mm	JUMPER2	JUMPER2	JP1, JP2		2
INDUCTOR 4x4mm	10uH, 1.3A	Inductor Iron	L1, L2	NRS4018T100MDGJ	2
RESC2012N	FB600R	Inductor	L3, L4, L5	Inductor	3
3MM LED	L-424GDT	LED DIODE	LED1, LED2		2
SOT23	DTC114Y	NPN TRANSISTOR	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10		10
RES1W_A	2R2 0.5W	Res2	R1	MCKNP0W2J0100A10	1
RESC1005N	49R9	Res2	R2, R3	Resistor	2
RESC1005N	10K	Res2	R4, R6	Resistor	2
RESC6332N	0R002	Res2	R5	Resistor	1
REED RELAY DIP	DIP REED RELAY	Reed Relay DIP	REL1, REL2, REL3, REL4, REL5, REL6, REL7, REL8, REL9, REL10		10
TD03B_N	LM78M05CDT	LM78M05CDT	U1	3-Terminal Positive Voltage Regulators, 3-pin TO-252	1
SOT-23- TT3_N	MCP1700T- 3302E/TT	MCP1700T- 3302E/TT	U2	Low Quiescent Current LDO, 3-Pin SOT-23, Extended Temperature, Tape and Reel	1
MSOP-10	INA226A	INA226A	U3		1
MCHP-SSOP SS28_N	PIC32MX250F12 8B-V/SS	PIC32MX250F12 8B-V/SS	U4	32-bit Microcontroller with Audio and Graphics Interface, USB and Advanced Analog, 50 MHz, 19 I/O, PMP, 28-pin SSOP (SS28), Tube	1
VAR7.5MM	ERZV07D390	Res Varistor	VAR1	ERZV07D390	1
					73

Approved	Notes