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 Pt_jecstby-nc-sa.jpg

Title		Number 1		Revisi n	
Simple USB Temperature Logger				2.1	
Size	A4	http://prtkandpreece.w	repress.c m	Sheet	f
Date:	16/10/2013	C:\Altium\Temp\	ger 2.1.Schd.c	Drawn By:	Jean Wl darski
File:					

Comment	Description	Designator	Footprint	LibRef	Quantity	Value
Battery Plastic Holder	SMTU_2032-1-LF	Batt1	SMT Battery Plastic Holder	Battery Plastic Holder	1	
0603 Capacitor	0603 Capacitor	C1, C3, C11, C12	0603 CAP	0603 Capacitor	4	1uF
0603 Capacitor	0603 Capacitor	C2, C5, C6, C10, C13, C16, C17	0603 CAP	0603 Capacitor	7	100nF
0805 Capacitor	0805 Capacitor	C4, C7	C0805	0805 Capacitor	2	10uF
0603 Capacitor	0603 Capacitor	C8, C9	0603 CAP	0603 Capacitor	2	12pF
0603 Capacitor	0603 Capacitor	C14, C15	0603 CAP	0603 Capacitor	2	22pF
1N4003	1 Amp General Purpose Rectifier	D1	SOD-323	Diode 1N4003	1	
BAT760	Low Vf diode	D2	SOD-323	Diode 1N4003	1	
0805 LED	SMD LED	D3	0805 LED	LED3	1	
Mini Conn Prog	Mini Conn Prog	P1	Mini Prog - 2.54	Mini Conn Prog	1	
0603 Resistor	0603 Resistor	R1	0603 RES	0603 Resistor	1	10M
0603 Resistor	0603 Resistor	R2	0603 RES	0603 Resistor	1	10K
0603 Resistor	0603 Resistor	R3, R4	0603 RES	0603 Resistor	2	1K
0603 Resistor	0603 Resistor	R5, R6, R7, R8, R9, R10, R13	0603 RES	0603 Resistor	7	33K
0603 Resistor	0603 Resistor	R11	0603 RES	0603 Resistor	1	1K5
0603 Resistor	0603 Resistor	R12	0603 RES	0603 Resistor	1	820
EVQQ2H01W	Ultra-small Tactile Switch	S1	TACT-EVQQ2H01W	TACT-EVQQ2H01W	1	
MCPI700T-3302E/TT	Low Quiescent Current LDO, 3-Pin SOT-23, Extended Temperature, Tape and Reel	U1	SOT-23-IT3_N	MCPI700T-3302E/TT	1	
PIC18F26150-I/SS	28-pin SSOP	U2	SSOP-SS28_M	PIC18F26150-I/SS	1	
SS1725WF080-75-4I-SAF	8Mbit, SPI Bus Serial Automotive Flash, 8-Pin SOIC	U3	8S1_L	AT25DF081-SSHN-B	1	
MCPI700T-1802E/TT	Low Quiescent Current LDO, 3-Pin SOT-23, Extended Temperature, Tape and Reel	U4	SOT-23-IT3_L	MCPI700T-3302E/TT	1	
TMP102AIDRLT	Tiny Serial Digital Thermal Sensor, SOT563, Extended Temperature	U5	SOT563	TMP102AIDRLT	1	
A USB Connector	USB Plug - Type A, R/A, SMT,MC32604	USB1	USB MC32604	A USB MC32604	1	
Quartz EQO	Surface Mount Quartz Crystal HC49/4H	X1	Quartz-EQO	Quartz EQO	1	12Mhz
Quartz ABRACOM	Surface Mount Quartz Crystal ABS25	X2	ABS25	Quartz ABRACOM	1	32.768KHz