

Bill of Materials

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Source Data From: lpc2378_logger_t.PrjPcb
 Project: lpc2378_logger_t.PrjPcb
 Variant: None

Creation Date: 5/27/2014 7:14:10 PM
 Print Date: 41786 41786.80156

Footprint	Comment	LibRef	Designator	Description	Quantity
0603	10pF	Cap Semi	C1, C2	0805 SMD	2
0603	100nF	Cap Semi	C3, C5, C6, C7, C8, C9, C10, C11, C12, C17, C21, C22, C23, C24, C25, C26	0805 SMD, Capacitor (Semiconductor SIM Model)	16
0603	33pf	Cap Semi	C4, C13	0805 SMD	2
1206_pol	10uF/16V	Cap Pol1	C20	Polarized Capacitor (Radial)	1
1206_pol	1uF/16v	Cap Pol1	C27, C28	Polarized Capacitor (Radial)	2
led0603	LED	LED3	D1, D2	Typical BLUE SiC LED	2
1206	Diode 1N5822	Diode 1N5408	D3	3 Amp Medium Power Silicon Rectifier Diode	1
0805	FERRIT(0805)	FERRITE	FB1, FB3	0805 SMD	2
1206	FERRIT(1206)	FERRITE	FB2	0805 SMD	1
hdr2x20_smd	Arm jtag	Header 10X2H	Jtag	Header, 10-Pin, Dual row, Right Angle	1
Pi	Pi	Pi	P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, P14, P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25, P26, P27, P28, P29, P30, P31, P32, P33, P34, P35, P36, P37, P38, P39, P40, P41		40
0603	220	Res Semi	R1, R2	Semiconductor Resistor	2
0603	27	Res Semi	R3, R4, R14, R16, R18	Semiconductor Resistor	5
0603	1.5k	Res Semi	R5, R15, R17, R19	Semiconductor Resistor	4
0603	10K	Res Semi	R6, R7, R13	Semiconductor Resistor	3
smd_array_8	res	Array_smd_res	R8, R10		2
0603	33K	Res Semi	R9	Semiconductor Resistor	1
0603	100	Res1, Res Semi	R11, R12, R20, R21, R22, R23, R24, R25, R26	Resistor, Semiconductor Resistor	9
TSOP48	k9f2g	k9f	u6		1
SOT486-1_N	LPC2378FBD144	LPC2378FBD144	U1	ARM7 16/32-Bit Microcontroller, 512KB Flash, 58KB RAM, 4 Channel CAN, 144-Lead LQFP	1
ZZ311	REG1117-3.3	REG1117-3.3	U3	800mA and 1A Low Dropout Positive Regulator 2.85V, 3.3V, 5V, and Adjustable	1
NSO8_L	MAX3490	MAX488ESA	U4, U5	Low-Power, Slew-Rate-Limited RS-485/RS-422 Transceiver	2
SO-8_L	REF191GS	REF191FS	U8	2.048V, Precision Micropower, Low-Dropout, Voltage Reference	1
CSM-7	ECS-110-S-5P	ECS-110-S-5P	Y1	Crystal Oscillator	1
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Approved	Notes