

Component list

Bill of Materials For Project [IMU V1.PrjPcb] (No PCB Document Selected)

Source Data From:

Project:

Variant:

IMU V1.PrjPcb

IMU V1.PrjPcb

None



Report Date:

10-1-2011

21:34:50

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10-Jan-11

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#	Quantity	Designator	Column Name Error:LogicalDesignator	DesignItemId	Footprint	Description	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Total supplier 1	Supplier 2	Supplier Part Number 2	Supplier Unit Price 2	Total supplier 2	
1	21	C1, C2, C4, C6, C8, C9, C11, C13, C14, C18, C19, C22, C23, C26, C27, C30, C31, C33, C34, C35, C36		100n	C0805				0.01	0.21	Farnell	1759266		0	
2	6	C3, C7, C10, C12, C20, C32		10n	C0805				0	0				0	
3	3	C5, C17, C29		10uF	C1206				0.06	0.18	Farnell	1759434		0	
4	2	C15, C16		18p	C0805				0	0				0	
5	2	C21, C24		22n	C0805				0	0				0	
6	1	C25		470n	C0805				0	0				0	
7	1	C28		2n2	C0805				0	0				0	
8	1	C37		0.01uF-0805-X7R	C0805				0.01	0.01	Farnell	1692287		0	
9	2	C38, C41		10uF-1210-X5R	C1210				0.19	0.38	Farnell	1759458		0	
10	2	C39, C42		2.2uF-1210-X7R	C1210				0.71	1.42	Farnell	1414066		0	
11	1	C40		0.1uF	C1206				0.03	0.03	Farnell	1759361		0	
12	1	D1		PMEG4030ER	SOD123W				0.23	0.23	Farnell	1829202		0	
13	1	D2		Green-PLCC2	PLCC2	LED, Surface Mount LED Indicator			0.1	0.1	Farnell	1328317		0	
14	1	D3		PMEG3020EH	SOD123F				0.2	0.2	Farnell	1510687		0	
15	1	F1		2920L185	F_2920L185	Fuse			0.85	0.85	Farnell	1822228		0	
16	1	J1		USBmini	USBminiSMT	USBmini 2.0, Right Angle, SMT, B Type, Receptacle, 5 Position, Black			0	0	Farnell			0	
17	1	L1		15uH-Shield-1.6A-Wurth	Square_7.3x7.3x4.5	Inductor			1.8	1.8	Farnell	1635989		0	
18	1	P1		PH1x8	PH1x8_2.54	Conn1x8			0	0	Farnell			0	
19	8	P2, P12, P13, P15, P16, P17, P18, P19		PH1x3	PH1x3_2.54	Conn1x3			0	0	Farnell			0	
20	2	P3, P6		PH1x4	PH1x4_2.54	Conn1x4			0	0	Farnell			0	
21	1	P4		GPS-LS20031	GPScon-BM06B-SRSS-TB	Header, 6-Pin; GPS; 1mm pitch; SMT; SH connector; Crimp			0	0				0	
22	1	P5		PH2x5	PH2x5_2.54	Header, 5-Pin, Dual row			0	0	Farnell			0	
23	2	P7, P14		PH1x5	PH1x5_2.54	Conn1x5			0	0	Farnell			0	
24	2	P8, P9		PH1x10	PH1x10_2.54	Conn1x10			0	0	Farnell			0	
25	1	P10		PH2x4	PH2x4_2.54	Header, 4-Pin, Dual row			0	0	Farnell			0	
26	1	P11		PH1x7	PH1x7_2.54	Conn1x7			0	0	Farnell			0	
27	2	P20, P21		PH1x2	PH1x2_2.54	Conn1x2			0	0	Farnell			0	
28	1	P22		TB2	TB2_3.5	Conn1x2			0	0	Farnell			0	
29	1	R1		10K	R0805	Resistor			0.17	0.17	Farnell	1618242		0	
30	2	R2, R3		33R	R0805	Resistor			0	0	Farnell			0	
31	2	R4, R5		4K7	R0805	Resistor			0.11	0.22	Farnell	1577368		0	
32	6	R6, R7, R9, R10, R12, R13		100R	R0805	Resistor			0.13	0.78	Farnell	1618240		0	
33	1	R8		100K	R0805	Resistor			0.1	0.1	Farnell	1618243		0	
34	1	R11		22K	R0805	Resistor			0	0	Farnell			0	
35	1	R14		1K	R0805	Resistor			0.1	0.1	Farnell	1618241		0	
36	1	R15		1R	R0805	Resistor			0.16	0.16	Farnell	1618236		0	
37	2	SW1, SW2		Pushbutton TACT	SWITCH TACT	Switch			0.57	1.14	Farnell	1795335		0	
38	1	U1		TC1046VNBTR	SOT-23-NB3_M	High Precision Temperature-to-Voltage Converter, 3-Pin SOT-23, Extended Temperature, Tape and Reel	Digi-Key	TC1046VNBTRTR-ND		0	Digi-Key	TC1046VNBTRCT-ND	0.45	0.45	
39	3	U2, U5, U9		MCP1702T-3302EMB	SOT-89-MB3_N	Power, 250 mA Low Quiescent Current LDO Regulator, 3-Pin SOT-89, Extended Temperature, Tape and Reel	Digi-Key	MCP1702T-3302EMB-ND		0	Farnell	1605558	0.44	1.32	
40	1	U3		LPC175x	LQFP80	ARM Cortex M3			3.03	3.03	Farnell	1718541		0	
41	1	U4		Zigbee-WRL-08690	Zigbee_maxstream	Wireless, zigbee module from Maxstream			0	0				0	
42	1	U6		SCP1000-D01	SCP1000-D01		Sparkfun	SCP1000-D01		0				0	
43	1	U7		BMA180	BMA180		Digkey	828-1019-1-ND		0				0	
44	1	U8		ITG-3200	QFN50P400X400-24V2M - GYRO 3axis	Gyro, 3-axis	Sparkfun	ITG-3200		0				0	
45	1	U10		LM22674MR-5.0	MRA08B_N	Power, 500mA SIMPLE SWITCHER, Step-Down Voltage Regulator with Precision Enable			0	0				0	
46	1	U11		ACS758xCB	unique-ACS758xCB	Sensor, Current	Digkey	620-1321-ND	7.35	7.35	Farnell	1791393		0	
47	1	Y1		HC49SM-12	HC49/4H_SMX	Crystal Oscillator			0.45	0.45	Farnell	1667016		0	
Approved					Notes					18.91					1.77