

# Component list

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

Source Data From:

Project:

Variant:

BaseBoard.PrjPcb

BaseBoard.PrjPcb

None



Report Date:

12-6-2011

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12-Jun-11

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#	Quantity	Designator	Column Name Error:LogicalDesignato	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	16	C1, C3, C7, C8, C11, C13, C16, C17, C18, C20, C21, C23, C25, C26, C30, C31		100n	C0805		Farnell	1759266	0.01	0.16	Digi-Key	478-1395-1-ND		0
2	2	C2, C4		18p	C0805		Farnell	1759194		0				0
3	2	C5, C6		10uF-1210-X5R	C1210		Farnell	1759458	0.19	0.38	Farnell	1759458		0
4	4	C9, C12, C24, C29		10uF	C1206		Farnell	1759434	0.06	0.24	Farnell	1759434		0
5	1	C10		0.01uF-0805-X7R	C0805				0.01	0.01	Farnell	1692287		0
6	2	C14, C15		2.2uF-1210-X7R	C1210				0.71	1.42	Farnell	1414066		0
7	1	C19		10n	C0805					0				0
8	1	C22		2n2	C0805					0				0
9	2	C27, C28		22n	C0805					0				0
10	1	D1		PMEG4030ER	SOD123W		Farnell	1829202	0.22	0.22	Farnell	1829202		0
11	5	D2, D3, D4, D5, D7		Green-FLC2	PLCC2	LED, Surface Mount LED Indicator	Farnell	1328317	0.08	0.4	Farnell	1328317		0
12	1	D6		PMEG3020EH	SOD123F		Farnell	1510687	0.2	0.2	Farnell	1510687		0
13	1	F1		2920L185	F_2920L185	Fuse	Farnell	1822228	0.88	0.88	Farnell	1822228		0
14	1	L1		15uH-Shield-1.6A-Wurth	Square_7.3x7.3x4.5	Inductor	Farnell	1635989	1.8	1.8	Farnell	1635989		0
15	1	P1		TB2	TB2_3.5	Con1x2	Farnell			0	Farnell			0
16	9	P2, P4, P5, P6, P7, P8, P9, P16, P20		PH1x3	PH1x3_2.54	Con1x3	Farnell			0	Farnell			0
17	3	P3, P15, P19		PH1x5	PH1x5_2.54	Con1x5	Farnell			0	Farnell			0
18	2	P10, P11		PH1x2	PH1x2_2.54	Con1x2	Farnell			0	Farnell			0
19	2	P12, P14		PH2x5	PH2x5_2.54	Header, 5-Pin, Dual row	Farnell			0				0
20	1	P13		PH1x7	PH1x7_2.54	Con1x7	Farnell			0	Farnell			0
21	1	P17		PH1x4	PH1x4_2.54	Con1x4	Farnell			0	Farnell			0
22	1	P18		GPS-LS20031	GPScon-BM06B-SRSS-TB	Header, 6-Pin; GPS; 1mm pitch; SMT; SH connector; Crimp				0				0
23	1	R1		22K	R0805	Resistor	Farnell			0	Farnell			0
24	9	R2, R7, R9, R12, R13, R16, R23, R28, R30		100R	R0805	Resistor	Farnell	1618240	0.13	1.17	Farnell	1618240		0
25	1	R3		100K	R0805	Resistor	Farnell	1618243	0.1	0.1	Farnell	1618243		0
26	9	R4, R10, R11, R14, R15, R18, R24, R29, R31		1K	R0805	Resistor	Farnell	1618241	0.08	0.72				0
27	1	R5		10K	R0805	Resistor	Farnell	1618242	0.17	0.17				0
28	5	R6, R17, R19, R21, R22		470R	R0805	Resistor	Farnell	1577367	0.08	0.4				0
29	1	R8		1M	R0805	Resistor	Farnell	1618244	0.16	0.16				0
30	1	R20		10R	R0805	Resistor	Farnell	1618239	0.1	0.1				0
31	1	R25		1R	R0805	Resistor	Farnell	1618236	0.14	0.14	Farnell	1618236		0
32	2	R26, R27		4k7	R0805	Resistor	Farnell	1577368	0.1	0.2	Farnell	1577368		0
33	3	SW1, SW2, SW4		Pushbutton TACT	SWITCH TACT	Switch	Farnell	1795335	0.13	0.39	Farnell	1795335		0
34	1	SW3		Toggle-Sw_1MS1T1B5M1QE	1MS1T1B5M1QE	Switch	Farnell	9473378	1.3	1.3				0
35	1	U1		PIC32MX320F064H-80IPT	TQFP-PT64_N	High Performance 80 MHz MIPS-Based 32-Bit Flash Microcontroller, 64KB Program Memory, 64-pin TQFP	Digi-Key	PIC32MX320F064H-80IPT-ND	3.71	3.71	Farnell	1523319	4.42	4.42
36	1	U2		LM22674MR-5.0	MRA08B_N	Power, 500mA SIMPLE SWITCHER, Step-Down Voltage Regulator with Precision Enable				0				0
37	3	U3, U7, 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	0.45	1.35
38	1	U4		Keadrone-imu-v1	Keadrone_IMUV1					0				0
39	1	U5		ITG-3200	QFN50P400X400-24V2M - GYRO 3axis	Gyro, 3-axis	Sparkfun	ITG-3200		0				0
40	1	U6		BMA180	BMA180		Digikey	828-1019-1-ND		0	Digi-Key	828-1019-1-ND		0
41	1	U8		Zigbee-WRL-08690	Zigbee_maxstream	Wireless, zigbee module fromMaxstream				0				0
42	1	U10		BlueTooth-RN42	BlueTooth_RN4x	Wireless, Bluetooth				0				0
43	1	Y1		ABMM2-8.000MHZ-E2-T	Osc-SMT-6x3.6x1.2	Crystal Oscillator	Farnell	1611803	0.63	0.63				0

Approved

Notes

14.9

5.77