





# Bill of Materials

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

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

Creation Date: 2013/10/16 22:10:06  
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Footprint	Comment	LibRef	Designator	Description	Quantity
Motor	Motor	Motor	B1, B2, B3, B4	Motor, General Kind	4
0805	Cap	Cap	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22	Capacitor	22
SS34A	SS34A	Diode 1N4007	D1, D2, D3, D4	1 Amp General Purpose Rectifier	4
0805	BLUE LED	LED0	D5, D6, D7, D8, D10	Typical INFRARED GaAs LED	5
0805	WHITE LED	LED0	D9	Typical INFRARED GaAs LED	1
0805	RED LED	LED0	D11, D13, D15	Typical INFRARED GaAs LED	3
0805	YELLOW LED	LED0	D12	Typical INFRARED GaAs LED	1
0805	GREED RED	LED0	D14	Typical INFRARED GaAs LED	1
Mini USB	Mini USB	Header 5	P1	Header, 5-Pin	1
HDR1X4	SW-DP	Header 4	P2	Header, 4-Pin	1
HDR1X2	VCC_3.3	Header 2	P3	Header, 2-Pin	1
HDR1X2	电池接口	Header 2	P4	Header, 2-Pin	1
HDR1X2	USART	Header 2	P5	Header, 2-Pin	1
HDR1X2	GND	Header 2	P6	Header, 2-Pin	1
HDR2X4	NRF2401	Header 4X2	P7	Header, 4-Pin, Dual row	1
SOT23-3-AO3400	AO3400	MOSFET-N	Q1, Q2, Q3, Q4	N-Channel MOSFET	4
0805	Res2	Res2	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25	Resistor	25
BUTTON SMD	SW-PB	SW-PB	Reset	Switch	1
SWITCH DIP	SW-PB	SW-PB	Switch	Switch	1
	STM32F103Cx	STM32F103Cx	U1	MCU	1
	MPU6050	MPU6050	U2	3-AxisGyro&Accer	1
	HMC5883L	HMC5883L	U3	Compass	1
	TP4057	TP4057	U4	500mALi-on Charger	1
	TPS79333	TPS79333	U5	Power-3.3V	1
	MS5611	MS5611	U6	Variometer	1
XTAL SMD	8MHz	XTAL	Y1	Crystal Oscillator	1

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Approved	Notes