



# Bill of Materials

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Source Data From: My\_Micropython.PrjPCB  
 Project: My\_Micropython.PrjPCB  
 Variant: None

Creation Date: 2019/5/2 13:33:08  
 Print Date: 43587 43587.56488

Footprint	Comment	LibRef	Designator	Description	Quantity
SMD0805	4u7	Cap	C1, C7, C8, C18	Capacitor	4
SMD0805	2u2	Cap	C2, C13	Capacitor	2
SMD0805	18p	Cap	C3, C4		2
SMD0805	100n	Cap	C5, C6	Capacitor	2
SMD0805	2.2p	Cap	C9, C10	Capacitor	2
SMD0805	104	Cap	C11, C12, C14, C15, C16, C17, C19	Capacitor	7
SS24 - small	Diode	Diode	D1	Default Diode	1
LED0603	LED RED	LED-RED	D2	红色发光二极管	1
LED0603	LED GREEN	LED-GREEN	D3	绿色发光二极管	1
LED0603	LED Yellow	LED-YELLOW	D4	黄色发光二极管	1
LED0603	LED Blue	LED-BLUE	D5	蓝色发光二极管	1
SMD0603	1uH	Inductor	L1	Inductor	1
HDR1X4	Header 4_7.4V	Header 4	P1	Header, 4-Pin	1
HDR1X4	Header 4_5V	Header 4	P2	Header, 4-Pin	1
HDR1X2	Header 2	Header 2	P3, P6, P10, P11, P12	Header, 2-Pin	5
HDR1X5	Header	Header 5	P4	Header, 5-Pin	1
	5_SUPERVOICE				
HDR1X4	Header	Header 4	P5	Header, 4-Pin	1
	4_BLUETOOTH				
HDR1X4	Header 4_GND	Header 4	P7	Header, 4-Pin	1
HDR2X4	Header	Header 4X2	P8	Header, 4-Pin, Dual row	1
	4X2_CARLIGHTS				
HDR1X6	Header 6_XUNJI	Header 6	P9	Header, 6-Pin	1
SMD0805	10K	Res	R1, R10, R19, R23	Resistor	4
SMD0805	4K7	Res	R2, R3, R7, R9, R11, R12, R13, R14	Resistor	8
SMD0805	560	Res	R4, R8, R20, R21, R22, R24	Resistor	6
SMD0805	22	Res	R5, R6	Resistor	2
SMD0805	50	Res	R15, R16, R17, R18	Resistor	4
SW 3X6	USER	SW-PB	S1	Switch	1
SW 3X6	SW-PB	SW-PB	S2	Switch	1
LQFP64_M	STM32F405RGT6	STM32F405RGT6	U1	ARM Cortex-M4 32-bit MCU+FPU, 210 DMIPS, 1024 kB Flash, 192 kB Internal RAM, 51 I/Os, 64-pin LQFP, -40 to 85 degC, Tray	1
SOT-23_N	XC6206	XC6206	U2		1
MicroUSB	MicroUSB	MicroUSB	U3		1
Multiwatt15V	L298N	L298N	U4	Dual Full Bridge Driver	1
SMD5032	8M	XTAL_SMD	Y1	SMD5032 8M 4Pin有源晶振	1
TXC_9H03200019	32K	XTAL	Y2	Crystal Oscillator	1
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Approved	Notes