





Comment	Description	Designator	Footprint	LibRef	Quantity
IED	LED	3V3, 5V, D5, PB0, VIN	0805D	00-D-LED	5
ACS712	Sensor Current	ACS1	self_sop_8	ACS712	1
Cap	Capacitor	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C14, C16, C17, C19, C21, C22, C23, C24	CAP-MLCC- 0603	Cap_1	18
220μF	钽电容	C11	CAP-TAN- 6032/CAPC	CAP-TAN	1
Cap	Capacitor	C12	0805C	Cap	1
0.1μF	无极性电容	C13	CAP-MLCC- 0603	CAP	1
22nf	无极性电容	C15	CAP-MLCC- 0603	CAP	1
1μF	电解电容	C20	C_ELE	CAP-ELE	1
Diode		D7	SS34	Diode	1
IN59B19		D9, D10, D11	LED_0805_YELL OW	D_0805	3
FD6288		FD1	TSSOP_E170_P 0.65_20	FD6288	1
Ind-CD52	Inductor	L1	CD54	Ind_CD52	1
STM32F103RC	MCU	MCU1	LQFP_P0.5_64	STM32F103RC	1
MOSFET_N	MOSFET	MOS1, MOS2, MOS3, MOS4, MOS5, MOS6	TO-252AA	MOSFET_N	6
HDR1x4_2.54	Header	P1, P2	HDR1x4_2.54_ 180	HDR1x4_2.54	2
HDR1x4_2.54	Header	P3	Green_4P	HDR1x4_2.54	1
HDR1x6_2.54	Header	P4	HDR1X6_2.54_ 180	HDR1x6_2.54	1
HDR1x6_2.54	Header	P5	1.25mm_1X6_ SMT	HDR1x6_2.54	1
HDR1x7_2.54	Header	P6	HDR1X7_2.54_ 180	HDR1x7_2.54T	1
HDR1x2_2.54	Header	P7	HDR1X2_2.54_ 180	HDR1x2_2.54	1
Header 8	Header, 8-Pin	P8	Green_8P	Header 8	1
Header 4	Header, 4-Pin	P9	Green_4P	Header 4	1
Res1	Resistor	R1, R2, R3, R4, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R21, R28, R29, R30, R31, R32, R33	RES-0603	Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1, Res1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1, Res1_1	25
RT9193	Power	RT1	SOT23-5	RT9193	1
ButtonTACT_3x 4x2_180	Button	S1	ST-1185 3*4*2	ButtonTACT_3x 4x2_180	1
SW-PB	Switch	S2	key - duplicate	SW-PB	1
TJA1050		TJA1	self_sop_8	TJA1050	1
TPS5430		U1	self_sop_8	TPS5430	1
8M	Crystal Oscillator	Y1	Osc-6032	C-Osc	1