

can_sensor_BOM

Reference	Value	Footprint	Count	FootprintLib	Distributor	PN
C15;C5;C17;C13;C11	1uf	C_0603_HandSoldering	5	Capacitors_SMD	Mouser	80-C0603C105K8P
C6;C16;C9;C10;C2;C8;C4;C18;C14;C12	0.1uf	C_0603_HandSoldering	10	Capacitors_SMD		
C7;C3;C1;C19;C20	10uf	C_0603_HandSoldering	5	Capacitors_SMD	Mouser	80-C0603C105K8P
D1;D2;D3;D4	hi_v	SOD-123	4	Diodes_SMD		
D7	reverse	SOD-123	1	Diodes_SMD	Mouser	581-SD1206S040S0R5
D8	LED1	LED_0603	1	LEDs		
D9	LED2	LED_0603	1	LEDs		
P1	IO1	Molex-duraClick-4conn	1	User_Connectors	Mouser	538-53261-0471
P2	IO2	Molex-duraClick-4conn	1	User_Connectors	Mouser	538-53261-0471
P4	CONN_01X03	Pin_Header_Straight_1x03	1	Pin_Headers		
P5	USB	USB_Micro-B	1	Connect	Mouser	649-10118194-0001LF
P6	CAN_IN	Molex-duraClick-4conn	1	User_Connectors	Mouser	538-53261-0471
P7	CAN_OUT	Molex-duraClick-4conn	1	User_Connectors	Mouser	538-53261-0471
R1;R9;R8	100K	R_0603_HandSoldering	3	Resistors_SMD	Mouser	71-CRCW0603-100K-E3
R10;R11;R12	120R	R_0603_HandSoldering	3	Resistors_SMD	Mouser	71-CRCW0603-120-E3
R6;R5;R3;R2	R	R_0603_HandSoldering	4	Resistors_SMD		
SW1	RESET	SW_SPST_FSMSM	1	Buttons_Switches_SMD		
SW2	BOOT	SW_SPST_FSMSM	1	Buttons_Switches_SMD		
U1	NJM2870F0	SOT-23-5	1	TO_SOT_Packages_SMD	Mouser	513-NJM2870F05-TE2
U2	MIC5317	SOT-23-5	1	TO_SOT_Packages_SMD	Mouser	998-MIC5317-3.3YM5TR
U3	STM32F042C6	TQFP-48_7x7mm_Pitch0.5mm	1	Housings_QFP		
U4	mcp2562	SOIC-8-N	1	SMD_Packages	Mouser	579-MCP2562-E/SN