

Comment	Description	Designator	Value	Quantity
282836-2	Female Header, Pitch 5 mm, 1 x 2 Position, Height 10 mm, Tail Length 3.5 mm, Rohs, Bulk	BUTTON, LED		2
C0603C561K5RACTU	CAP CER 560PF 50V X7R 0603	C1, C2	560 pF	2
C0603C104K5RACTU	CAP CER 0.1UF 50V X7R 0603	C3, C4	0.10 µF	2
C1608NP01H270J080AA	Multilayer Ceramic Capacitors 27pF ±5% 50V NP0 SMD 0603	C5, C6		2
LED2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	CON, IND, L1, L2, L3, L4, PWR		7
1N4148W-13-F	DIODE GEN PURP 100V 150MA SOD123	D1, D2	2pF	2
Header 3	Header, 3-Pin	DEBUG, UPDI		2
618009231421	Male PCB Connector with Hex Screw WR-DSUB, 10.30 mm, Angled, 9 pins	J1		1
Header 5	Header, 5-Pin	P2		1
MMBT3904	NPN General Purpose Amplifier, 40 V, 0.2 A, -55 to 150 degC, 3-Pin SOT23, RoHS, Tape and Reel	Q1, Q3, Q5, Q6, Q7		5
MMBT3906LT1G	General Purpose Transistor, PNP Silicon, 3-Pin SOT-23, Pb-Free, Tape and Reel	Q2, Q4		2
Res3	Resistor	R1, R4, R27, R28, R29, R35	4.7K	6
Res3	Resistor	R2, R3	100	2
Res3	Resistor	R5, R16, R24, R30, R32, R34	10K	6
Res3	Resistor	R6, R7, R8, R9, R10, R11, R12, R19, R22	470	9
Res3	Resistor	R13, R20, R33	47K	3
RMCF1210JT510R	510Ω ±5% 0.5W 1210 Thick Film Chip Resistor AEC-Q200 compliant	R14, R15		2
Res3	Resistor	R17, R18, R23	2.2K	3
Res3	Resistor	R21	1.8K	1
Res3	Resistor	R25, R31	22K	2
Res3	Resistor	R26	33K	1
MCP2551T-I/SN	IC TRANSCEIVER HALF 1/1 8SOIC	U1		1
ATTINY1614-SSFR	IC MCU 8BIT 16KB FLASH 14SOIC	U2		1
LM317LZ	3-Terminal Adjustable Regulator, 3-pin TO-92	U3		1
ELM327		U4		1
CSTCR4M00G53-R0	CERAMIC RES 4.0000MHZ 15PF SMD	Y1		1