

Quantity	Reference	Value	Manufacturer	Ordering #	Conrad #
4	C1 C2 C4 C6	100n	QPL	100n/50V 5mm	
2	C3 C5	10U/10V	QPL	10U/25V 2.5mm	
1	D1	LED	QPL	Pin header 1x2 2.54mm	
1	D2	SB130	Vishay	SB130	164828 - 62
1	D6	Dual LED	QPL	Pin header 1x3 2.54mm	
4	H1 H2 H3 H4	M3	Not a placeable part	-	
1	J1	I2C	QPL	Pin header 1x4 2.54mm	
1	J2	GPIO	QPL	Pin header 1x8 2.54mm	
1	J3	8-24V	Degson	DG381-3.5-02P-14-00AH-1	1327243 - 62
2	Q1 Q2	BC557	QPL	BC557	
4	R1 R2 R4 R5	10k	QPL	10k 1% 0.25W	
3	R3 R6 R7	470R	QPL	470R 1% 0.25W	
1	U1	Ra-02	Thinker	Ra-02	
1	U2	Pico	Raspberry Pi	Pico	
1	U3	LD1117S33	STMicroelectronics	LD1117V33	147028 - 62
1	U4	TSR_1-2450	TracoPower	TSR 1-2450	156673 - 62