

QTY	Part	Value	Device	Package	Mouser	Price		Digikey	
1	C1	10u / 16v	CAP	0805	187-CL21A106KOQNNNG	0.046			
11	C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12	10n / 100v	CAP	0805	710-885382207009	0.09			
1	C13	1u / 50v	CAP	0805	710-885382207004	0.09			
11	D1, D2, D3, D4, D5, D6, D16, D17, D18, D19, D20	1N4148	DIODE	MINIMELF (SOD-80)	512-LL4148	0.116			
9	D7, D8, D9, D10, D11, D12, D13, D14, D15	Shcottky 1.5A / 45V	DIODE	MINIMELF (SOD-80) / SMA	625-BYS10-45-E3	0.303			
1	IC3	LP2992 3v3	IC	SOT23-5	926-2992AIM53.3/NOPB	1.41	\$1.41	LP2992IM5X-3.3/NOPB	1.41
1	JP10	PINHD-1X2	PIN				\$0.00		
1	K2	FINDER-30.22 12V	RELAY		655-V23105A5303A201	3.72			
8	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8	IRLML2502 standard Pch Mosfet (Vgs must be <= 2.5v, so it switches with 3,3v logic. Example: IRLML6401)	FET	SOT23	942-IRLML2502TRPBF	0.57			
8	R1, R3, R5, R7, R12, R13, R14, R15	100k	RES	0805	652-CR0805FX-1003ELF	0.023	\$0.32		
4	R2, R4, R6, R8	100 Ohm	RES	0805	71-CRCW0805100RFKEAC	0.063	\$0.50		
2	R10, R11	100R / 20W	RES	D2PACK	652-PWR263S-20-1000J	3.31			
1	R9	75R / 20W	RES	D2PACK	652-PWR263S-20-75R0J	3.6			
4	Con1., Con2, Con3, Con4	PL connector			AMAZON				
3	Rel1, Rel2, Rel3	Bistab. Relais	RELAY		655-V23079B1203B301			PB1085-ND	