

Designator	Comment	Description	Quantity
C1, C2	100pF	0805	2
C3, C11	100nF	0805	2
C4, C7	100nF	0603	2
C5, C8	1uF	0805	2
C6, C9	10uF	0805	2
C10	22uF	Capacitor Polarised	1
D1	TVS 22V	TVS Diode (Uni-directional)	1
D2	SS14F	Schottky Diode	1
IC1	TH8056	Integrated Circuit	1
IC2	ISO7741	Integrated Circuit	1
IC3	AMS1117-5.0	Integrated Circuit	1
J1	PMOD	Connector	1
J2	XY118-5.0-3P	Connector	1
JP1	PINHD1x2	Pin Header 1x2	1
L1	47uH	AISC-0805F-470G-T	1
LED1	LED_0805	LED	1
Q1	2N7002	MOSFET (N-Channel)	1
R1, R8	1K	0805	2
R2	6K49	1210	1
R3	9K09	2512	1
R4, R5	2K7	0805	2
R6, R7	10K	0805	2
R9, R10	47K	0805	2