

Bill of Material MQTT energy meter

2022-01-11

Quantity	Reference	Value	Ordering #
2	C1 C4	10U	10uF/50V
5	C2 C3 C5 C6 C7	100n	100nF/100V
1	D1	BPW34	BPW34
1	D2	STATUS	LED red
4	H1 H2 H3 H4	MountingHole	not a part
1	J1	8-24V in	2 pole 3.5mm screw terminal
1	JP1	SET	2 pole jumper 2.54mm
1	JP2	Invert pulse	3 pole jumper 2.54mm pitch
2	R1 R2	10k	10k 1% 0.25W
1	R3	33k	33k 1% 0.25W
1	R4	1k	1k 1% 0.25W
1	RV1	500k	500k potentiometer
1	U1	ENC28J60	ENC28J60 (5 Volt version)
1	U2	TL072	TL072 DIP8
1	U3	Arduino Mini Plus	Arduino Mini Plus
1	U5	74HC14	74HC14 DIP14
1	U6	TSR_1-2450	TSR1-2450 (DC/DC converter)