



Bill of Materials

TI
DESIGNS
TIDA-209
Adaptor
Isolated Current Shunt and Voltage Measurement Kit using AM437

Qty	Reference	Part Description	Manufacturer	Manufacturer Part Number	PCB Footprint	Note
3	C1, C2, C3	CAP, CERM, 0.1uF, 25V, +/-5%, X7R, 0603	AVX	060333C104JAT2A	0603	Fitted
4	C4, C5, C6, C7	CAP, AL, 22uF, 25V, +/-20%, 0.76 ohm, SMD	Nichicon	UUD1E220MCL1GS	SM_RADIAL_5MM	Fitted
1	C8	CAP, CERM, 1uF, 10V, +/-10%, X7R, 0603	MuRata	GRM188R71A105KA61D	0603	Fitted
4	H1, H2, H3, H4	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	B&F Fastener Supply	NY PMS 440 0025 PH	NY PMS 440 0025 PH	Fitted
4	H5, H6, H7, H8	Standoff, Hex, 0.5L #4-40 Nylon	Keystone	1902C	Keystone_1902C	Fitted
1	J1	Connector, Right Angle, Male, 2x20 pin, 100mil spacing	WURTH ELEKTRONIK	6.1304E+11	CONN_613040243121	Fitted
1	J2	CONN HEADER 2MM DUAL STR 60POS	Sullins Connector Solutions	NRPN302PAEN-RC	CONN_NRPN302PAEN-RC	Fitted
1	J3	Jumper Wire, 200mil spacing, Red, pkg of 200	3M	923345-02-C	923345-02-C	Fitted
1	L1	Ferrite Bead, 600 ohm @ 100MHz, 1.3A, 0603	MuRata	BLM18KG601SN1D	0603	Fitted
1	LBL1	Thermal Transfer Printable Labels, 0.650 W x 0.200" H - 10	000 per roll	Brady	TH1-14-423-10	Fitted
2	R1, R9	RES, 1.0k ohm, 5%, 0.1W, 0603	Vishay-Dale	CRCW06031K00JNEA	0603	Fitted
7	R2, R3, R4, R5, R6, R7, R8	RES, 22 ohm, 5%, 0.1W, 0603	Vishay-Dale	CRCW060322R0JNEA	0603	Fitted
4	R11, R12, R13, R14	RES, 0 ohm, 5%, 0.1W, 0603	Vishay-Dale	CRCW06030000Z0EA	0603	Fitted
1	U1	IC CLK BUFFER 1:8 250MHZ 16TSSOP	TI	CDCLVC1108PWR	PW0016A_N	Fitted
0	R10	RES, 0 ohm, 5%, 0.1W, 0603	Vishay-Dale	CRCW06030000Z0EA	0603	NOT Fitted