

Bill of Materials

TI DESIGNS
TIDA-00263 - Isolated Auto-Polarity RS-485 Transceiver

Item	Quantity	Reference	Part	Footprint	Manufacturer	Manufacturer Part Number
1	1	C1	1.0 μ F	0402	Taiyo Yuden	LMK105BJ105KV-F
2	1	C2	1.0 μ F	0603	TDK Corporation	C1608X7R1C105K
3	1	C3	1.0 μ F	0603	TDK Corporation	C1608X7R1C105K
4	1	C4	4.7 μ F	0603	TDK Corporation	C1608X5R0J475K/0.80
5	3	C5, C6, C7	0.1 μ F	0603	Murata Electronics North America	GRM188R71H104KA93D
6	1	C8	4700pF	1812	Novacap	1812B472K202NT
7	2	D1, D2	MBR0520LT1G	SOD-123	ON Semiconductor	MBR0520LT1G
8	1	D3	CDSOD323-T24C-DSL	SOT-23-3	Bourns Inc	CDSOT23-SM712
9	6	JMP1, JMP2	HTSW-150-07-G-S	0.1"	Samtec Inc	HTSW-150-07-G-S
10	8	JMP3, JMP4	HTSW-150-07-G-S	0.1"	Samtec Inc	HTSW-150-07-G-S
11	1	J1	Banana Jack BLACK	4 MM	Alectron	ST-351B BLACK
12	2	R1, R3	560	0603	Venkel	CR0603-10W-5600FT
13	1	R2	120	0603	Panasonic Electronic Components	ERJ-3EKF1200V
14	2	R4, R5	DNI	DNI	DNI	DNI
15	2	R6, R7	10	0603	Vishay Dale	CRCW060310R0FKEAHP
16	2	R8, R9	4.70K	0603	Rohm Semiconductor	MCR03ERTF4701
17	1	R10	1.00M	2010	Vishay Dale	CRCW20101M00FKEF
18	2	R11, R12	1.00K	0603	Yageo	RC0603FR-071KL
19	1	TB1	2 Pin Female R/A	2.54mm	TE Connectivity	282834-2
20	1	T1	1:1.3	SMT	Würth Electronics	750313638
21	1	U1	ISO7641FMDW	16-SOIC	Texas Instruments	ISO7641FMDW
22	1	U2	SN65HVD888	8-SOIC	Texas Instruments	SN65HVD888
23	1	U3	SN6501DBV	SOT-23-5	Texas Instruments	SN6501DBV
24	1	U4	TPS76350DBVR	SOT-23-5	Texas Instruments	TPS76350DBVR

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