

Bill of Materials

TI DESIGNS
TIDA-00333 - Dual Isolated Half-Duplex RS-485 Repeater

Item	Quantity	Reference	Part	Footprint	Manufacturer	Manufacturer Part Number
1	7	C1, C4, C5, C6, C8, C9, C11	4.7uF	1206	TDK	C3216X7R1H475K160AC
2	3	C2, C12, C20	4700pF	1812	NOVACAP	1812 B 472 K 202 N T
3	6	C3, C13, C14, C15, C18, C19	0.1uF	603	Murata	GRM188R71H104KA93D
4	2	C7, C10	10nF	402	Yageo	CC0402KRX7R9BB103
5	2	C16, C17	100pF	603	Kemet	C0603C101J5RACTU
6	2	C21, C22	DNI	603		
7	4	D1, D2, D3, D4	RB168M-40 Schottky diode		Rohm	RB168M-40
8	2	D5, D8	TVS	SOT-23	Micro Commercial	SM712-TP
9	2	D6, D7	1N4448WT diode	SOD523F	Fairchild	1N4448WT
10	3	J1, J2, J3				
11	4	JP1, JP2, JP3, JP4				
12	4	R1, R3, R14, R16	590	603	Yageo	RC0603FR-07590RL
13	2	R2, R15	133	603	Yageo	RC0603FR-07133RL
14	4	R4, R5, R11, R12	10	603	Vishay	CRCW060310R0JNEAHP
15	2	R6, R13	1M	2010	HVC 2010 1M0 G T3	TT Electronics
16	2	R7, R10,	10k	402	Yageo	RC0402JR-0710KL
17	2	R8, R9	51k	402	Yageo	RC0402JR-0751KL
18	2	R17, R18	300	402	Yageo	RC0402FR-07300RL
19	2	T1, T2	1:1.3	SMT	Würth Electronics	760390014
20	1	U1	SN6501	SOT23-5	Texas Instruments	SN6501DBVT
21	2	U2, U3	TPS76350	SOT23-5	Texas Instruments	TPS76350DBVR
22	2	U4, U5	ISO3082	16DW	Texas Instruments	ISO3082DW
23	1	U6	SN74LVC2G14	SOT23-6	Texas Instruments	SN74LVC2G14DBVR

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