Texas Instruments

Bill of Materials

TI DESIGNS
12 Gbps SAS-3 Link Extender
TIDA-00425

Item	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer Part Number	Alternate Part	PCB Footprint	Note
1	37	C1,C2,C3,C4,C5,C6,C7, C8,C9,C10,C11,C12,C13, C14,C15,C16,C17,C18, C19,C20,C21,C22,C23, C24,C25,C26,C27,C28, C29,C30,C31,C32,C33,	0.10 uF	CAP CERAMIC 6.3V X5R	TDK Corporation	C0603X5R0J104M030BC	445-4711-1-ND	0201	
2	1	C34	10 uF	CAP CERAMIC 6.3V X5R 10%	TDK Corporation	C2012X5R0J106M125AB	445-1363-1-ND	0805	
3	1	D1		LED GREEN 0.2MM 6MCD	Lite-On Inc.	LTST-C190GKT	160-1183-1-ND	0603	
4	2	J1,J2		MINISAS HD 1X1 REC	TE Connectivity	2149027-1	A104065-ND		
5	3	J3,J35,J36		TERM QF .052" DIAMETER	Keystone Electronics	1287-ST	1287-STK-ND		.250" STURDY MT
6	15	J4,J6,J7,J8,J9,J10,J11, J18,J19,J21,J23,J24, J28,J31,J33		CONN HEADER 3 POSITION	Molex Connector Corp	22284033	WM50016-03-ND		.100 VERT GOLD
7	14	J12,J13,J14,J15,J16,J17, J22,J25,J26,J27,J29,J30, J32,J34		CONN HEADER 2 POSITION	Molex Connector Corp	22284033	WM50016-02-ND		.100 VERT GOLD
8	1	J38		CONN HEADER 4 POSITION	Molex Connector Corp	22284033	WM50016-04-ND		.100 VERT GOLD
9	32	R1,R2,R3,R4,R5,R6,R13, R14,R15,R16,R17,R18, R21,R22,R23,R24,R26, R27,R28,R30,R32,R33, R34,R35,R37,R40,R42, R43,R45,R46,R48,R49	1.00K	RES 1/10W 1%	Panasonic	ERJ-2RKF1001X	P1.00KLCT-ND	0402	
10	12	R7,R8,R9,R10,R11,R12, R25,R29,R31,R41,R44,R47	20.0K	RES 1/10W 1%	Panasonic	ERJ-2RKF2002X	P20.0KLCT-ND	0402	
11	1	R19	220	RES 1/10W 1%	Panasonic	ERJ-2RKF2200X	P220LCT-ND	0402	
12	1	U1			Texas Instruments	DS125BR401ANJY		WQFN54	EQUALIZER
13	1	U2		SOCKET IC 8POS .3"	3M	4808-3004-CP	3M5473-ND		
14									