

Variant: 001
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XXX### REV E1 Bill of Materials



Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	!PCB	1		XXX###	Any	Printed Circuit Board	
2	C1, C2, C3, C4, C5, C6, C7, C8, C9	9	0.1uF	TMK105B7104MV-FR	Taiyo Yuden	CAP, CERM, 0.1 uF, 25 V, +/- 20%, X7R, 0402	0402
3	J1	1		TSW-113-07-G-D	Samtec	Header, 100mil, 13x2, Gold, TH	13x2 Header
4	J1/J3, J2/J4	2		SSQ-110-03-T-D	Samtec	Receptacle, 2.54mm, 10x2, Tin, TH	10x2 Receptacle
5	R1, R2, R3, R4	4	4.7k	CRCW08054K70JNEA	Vishay-Dale	RES, 4.7 k, 5%, 0.125 W, 0805	0805
6	U1	1		ISO7741DWR	Texas Instruments	High-Speed, Low-Power, Robust EMC Quad-Channel Digital Isolator, DW0016B (SOIC-16)	DW0016B
7	U2, U3	2		SN74HCS594QPWRQ1	Texas Instruments	Automotive 8-bit shift registers with output registers 16-TSSOP -40 to 125	TSSOP16
8	U4	1		SN74HC165N	Texas Instruments	8-Bit Parallel-Load Shift Registers, N0016A (PDIP-16)	N0016A
9	U5, U6	2		SN74LVC1G14DCKR	Texas Instruments	Single Schmitt-Trigger Inverter, DCK0005A (SOT-SC70-5)	DCK0005A