## Bill of Materials

## TI DESIGNS

TIPD108: Analog PWM Generator Reference Design, 5V, 500kHz PWM output

Item #	Quantity	Value	Designator	Description	Manufacturer	Part Number	Supplier Part Number 1
1	2	100pF	C1, C3	CAP, CERM, 100pF, 50V, +/-5%, 0	AVX	06035A101JAT2A	478-1175-1-ND
2	6	0.1uF	C2, C5, C8, C9, C10, C11	CAP, CERM, 0.1uF, 16V, +/-5%, X	AVX	0603YC104JAT2A	478-3726-1-ND
3	1	1uF	C4	CAP, CERM, 1uF, 25V, +/-10%, X	Kemet	C1206C105K3RACTU	399-1255-1-ND
4	2	4.7uF	C6, C7	CAP, CERM, 4.7uF, 16V, +/-10%,	Kemet	C1206C475K4PAC TU	4520506
5	2		J1, J2	Right Angle BNC Connector	TE Connectivity	1-1634612-0	571-1-1634612-0
6	2		J3, J4	Standard Banana Jack, Uninsulate	Keystone	575-4	575-4K-ND
7	1		JP1	Two pin male header for jumper		87224-2	A26543-ND
8	6	10.0k	R1, R2, R3, R4, R6, R8(DNI)	RES, 10.0k ohm, 1%, 0.1W, 0603		CRCW060310K0FKEA	541-10.0KHCT-ND
9	1	8.45k	R5	RES, 8.45k ohm, 1%, 0.1W, 0603		CRCW06038K45FKEA	541-8.45KHCT-ND
10	1	5.90k	R7	RES, 5.90k ohm, 1%, 0.1W, 0603		CRCW06035K90FKEA	541-5.90KHCT-ND
11	1		U1	OPA2365 Dual Operational Amplif	Texas Instruments	OPA2365AID	595-OPA2365AID
12	1		U2	TLV3502 Dual Comparator	Texas Instruments	TLV3502AID	296-18301-5-ND
13	1		U3	REF3325, 2.5V Low Power Voltag	Texas Instruments	REF3325AIDCKT	296-22642-2-ND

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