

# TDHBG1200DC100-KIT Bill of Materials (BOM)

Designator	Qty	Value	Description	Part Number	Manufacturer
U3	1		74LVC1G17DBV	SN74LVC1G17DBVR	Texas Instruments
JP1, JP2	2		JP2E	68001-403HLF	FCI
J2, J3, J5, J7	4		KEYSTONE_7691	7691	Keystone
LED1	1		LEDCHIP-LED0805	SML-211UTT86	Rohm
U1	1		LT3082	LT3082EST#PBF	Linear Technology
J1	1		PJ-002AH	PJ-002AH	CUI
LDS	1		TEKTRONIX-PCB	131-4353-00	Tektronix
C7	1	.1u	C-EUC1812	C1812V104KDRACTU	Kemet
C20, C21, C22	3	.1u	C-USC0603	06033C104JAT2A	AVX
C8, C17	2	.1u	C-USC2225K	VJ2225Y104KXGAT	Vishay
R12	1	0	R-US_R1206	ERJ-8GEY0R00V	Panasonic
R8, R10	2	1k	R-US_R0603	RC0603FR-071KL	Yageo
C2	1	1u	C-EUC0805	CC0805ZRY5V8BB105	Yageo
C3	1	2.2u	C-EUC0805	C2012X5R1E225K125AC	TDK
R13	1	2k	R-US_R0805	RC0805FR-072KL	Yageo
C5, C6	2	4.7n	C-EUC1206	C1206C472KDRACTU	Kemet
R5, R6	2	4.99K	R-US_R1206	RMCF1206FT4K99	Stackpole
R1	1	4.99k	R-US_R1206	RMCF1206FT4K99	Stackpole
R3	1	10MEG	R-US_R1206	06035A101FAT2A	AVX
C9, C25	2	10uF	6U_JC	B32794D2106K	Epcos
C1	1	22u	C-USC1206	CL31A226MOCLNNC	Samsung
U4, U5	2	74AHC1G86DBV	74AHC1G86DBV	SN74AHC1G86DBVR	Texas Instruments
C19, C23	2	100pF	C-USC0603	ESR03EZPJ104	Rohm
L1	1	440uH	440UH_MPP	CWS CWS-1MP-12640	CWS CWS-1MP-12640
R2	1	499k	R-US_R1206	Stackpole	R2
D2, D3	2	BAT54	BAT54	BAT54W	NXP
J4, J6	2	BU-SMA-G	BU-SMA-G	5-1814832-1	TE connectivity
U\$1	3	GAN_CARD_CONNECTOR	GAN_CARD_CONNECTOR	a32386-nd	a32386-nd
U\$1	1	GAN_CARD_CONNECTOR	GAN_CARD_CONNECTOR	wm8112-nd	wm8112-nd
	1	Daughter card	Daughter card	TDHB65H070L-DC	Transphorm