

TDHB-65H070L-DC Bill of Materials (BOM)

Designator	Qty	Value	Description	Part Number (Digi-Key)
R0, RGND	2	0	R-US_R0603	RMCF0603ZTOR00CT-ND
C2, C6, C7	3	0.1uF	C-USC0603	399-1282-1-ND
C3, C4, C8, C10	4	0.1uF	C-USC0805	732-8109-1-ND
CMC1	1	1.3uH	CMC_74423580	732-4222-1-ND
R5, R10, R13	3	10	R-US_R1206	408-1869-1-ND
R3	1	100k	R-US_R0603	
C17, C18	2	100nF	C-USC1206	399-16678-1-ND
R1, R6, R7, R11, R12	5	10k	R-US_R0603	A126331CT-ND
C5	1	10uF	C-USC0805	490-5523-1-ND
C9, C11, C12	3	10uF	C-USC1206	587-2259-1-ND
R4	1	12k	R-US_R0603	RMCF0603JT12KOCT-ND
RG1, RG2	2	15	R-US_R0603	P15GCT-ND
R8, R9	2	15	R-US_R1206	
FB1, FB2	2	180	R-US_R0603	490-5263-1-ND
C15, C16	2	22pF	C-USC1206	
C1	1	22uF	C-USC1206	1276-1803-1-ND
C13, C14	2	4.7nF	C-USC1206	445-9099-1-ND
P1	1	6PINCONN	6PINCONN	WM8112-ND
D1	1	ESJ1	DIODE-DO214AC	ES1JFSC-ND
GAN2	1	650 V / 72 mOhm	GaN FET Source	TP65H070LSG
U2	1	PDS1-S5-S12	PDS1-S5-S12-M-TR	102-2686-1-ND
U1	1	SI8230	SI8230	SI8230BB-D-IS1-ND
GAN1	1	650 V / 72 mOhm	GaN FET Drain	TP65H070LDG
VSW, VDD, PGND	3		CONN PC PIN CIRC 0.040DIA GOLD	ED1278-ND
HS	1		HEATSINK	HS