

Comment	Description	Designator	Footprint	LibRef	Quantity
Printed Circuit Board	Printed Circuit Board	PCB1		CMP-0003618-2	1
C1005X7R1H104K050 BB	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0402	C1, C7, C8	0402	CMP-0006297-2	3
GCM21BR71C475KA7 3L	CAP, CERM, 4.7 uF, 16 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0805	C2	0805_HV	CMP-0008020-2	1
04025A101FAT2A	CAP, CERM, 100 pF, 50 V, +/- 1%, COG/NPO, 0402	C3, C4, C13, C14, C16, C17	0402	CMP-0006196-2	6
C1005X5R1E105K050 BC	CAP, CERM, 1 uF, 25 V, +/- 10%, X5R, 0402	C5, C6	0402	CMP-0006276-2	2
C1608X5R1V475K080 AC	CAP, CERM, 4.7 uF, 35 V, +/- 10%, X5R, 0603	C9, C10, C21	0603	CMP-0007022-5	3
C3216X7R1E106M160 AE	CAP, CERM, 10 uF, 25 V, +/- 20%, X7R, 1206_190	C11, C12	1206_190	CMP-0008692-2	2
CL05B224KO5NNNC	CAP, CERM, 0.22 uF, 16 V, +/- 10%, X7R, 0402	C15, C19	0402	CMP-0860563-1	2
GRT155R61E225KE13 D	CAP, CERM, 2.2 uF, 25 V, +/- 10%, X5R, AEC-Q200 Grade 3, 0402	C18, C20	0402	CMP-0006716-2	2
C1206C223KDRACTU	CAP, CERM, 0.022 uF, 1000 V, +/- 10%, X7R, AEC-Q200 Grade 1, 1206	C22, C23	1206_190	CMP-0084048-1	2
C1812W104KDRACTU	CAP, CERM, 0.1 uF, 1000 V, +/- 10%, X7R, 1812	C24, C25	1812_254	CMP-0009326-2	2
GB01SLT06-214	Diode, Schottky, 650 V, 1 A, SMB	D1	SMB	CMP-0076998-2	1
MBR0520LT1G	Diode, Schottky, 20 V, 0.5 A, SOD-123	D2, D3	SOD-123	CMP-0028524-2	2
M50-3900642		J1	FP-M50-3900642_HDR12-MFG	CMP-0093439-1	1
SDEM20161T-4R7MS	4.7uH Unshielded Inductor 1.1A 426mOhm Max 0806 (2016 Metric)	L1, L2	FP-SDEM20161T-4R7MS_SMD2-MFG	CMP-0089347-1	2
ACM2520-601-2P-T002	Coupled inductor, 0.2 A, 0.45 ohm, SMD	L3	TDK_ACM2520-2P	CMP-0013161-2	1
3621-0-32-15-00-00-08-0		PGND, SW, TP1, TP2, TP3, Vbulk+	MIII-Max_3621-0-32-xx-00-00-08-0	CMP-0082316-1	6
RC0402FR-0749R9L	RES, 49.9, 1%, 0.063 W, 0402	R1, R2, R5, R6	0402	CMP-0026738-1	4
ERJ-2GE0R00X	RES, 0, 5%, 0.1 W, AEC-Q200 Grade 0, 0402	R4	0402	CMP-0026992-3	1
CRCW040220K0FKED	RES, 20.0 k, 1%, 0.063 W, 0402	R7, R9	0402	CMP-0026162-1	2
ERJ-8GEY0R00V	RES, 0, 5%, 0.25 W, AEC-Q200 Grade 0, 1206	R8	1206	CMP-0018748-3	1
760390014	Transformer, 475uH, SMT	T1	Wurth_760390013	CMP-0030718-1	1
SN6505BDBVR	Low-Noise 1 A, 420 kHz Transformer Driver, DBV0006A (SOT-23-6)	U1	DBV0006A_N	CMP-0076095-1	1
ISO7710FQDQ1	Automotive, High Speed, Robust EMC Reinforced Single-Channel Digital Isolator, D0008B (SOIC-8)	U2	D0008B_HV	CMP-0082403-1	1
ISO7731FDBQR	High Speed, Robust EMC Triple-Channel Digital Isolators, DBQ0016A (SSOP-16)	U3	DBQ0016A_N	CMP-0078719-1	1
LMG3525R030Q	650-V 30-mA GaN FET with Integrated Driver and Protection	U4, U5	RQS0052A-MFG	CMP-0089968-1	2