

TIDA-00573 REV E2 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB	1		TIDA-00573	Any	Printed Circuit Board	
C10, C11, C24, C25, C37, C38	6	1uF	C2012X7R1H105K125AB	TDK	CAP, CERM, 1 μ F, 50 V, +/- 10%, X7R, 0805	0805
C12, C16, C19, C22, C26, C30, C32, C35	8	470pF	GRM1885C1H471JA01D	MuRata	CAP, CERM, 470 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
C13, C17, C20, C23, C27, C31, C33, C36	8	0.47uF	GRM188R71E474KA12D	MuRata	CAP, CERM, 0.47 μ F, 25 V, +/- 10%, X7R, 0603	0603
C14, C21, C29, C34	4	0.68uF	GRM188R71A684KA61D	MuRata	CAP, CERM, 0.68 μ F, 10 V, +/- 10%, X7R, 0603	0603
C15	1	0.22uF	GRM155R71C224KA12D	MuRata	CAP, CERM, 0.22 μ F, 16 V, +/- 10%, X7R, 0402	0402
C18, C28	2	0.1uF	GRM155R71C104KA88D	MuRata	CAP, CERM, 0.1 μ F, 16 V, +/- 10%, X7R, 0402	0402
C39	1	2.2uF	GRM21BR71A225KA01L	MuRata	CAP, CERM, 2.2 μ F, 10 V, +/- 10%, X7R, 0805	0805
FID4, FID5, FID6	3		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
J1	1		PRPC014DBAN-M71RC	Sullins Connector Solutions	Header, 2.54mm, 14x2, Gold, R/A, TH	Header, 2.54mm, 14x2, R/A, TH
L3, L4, L5, L6, L7, L8, L9, L10	8	10uH	DFEG7030D-100M	Toko	Inductor, Shielded, Metal Composite, 10 μ H, 3.7 A, 0.07 ohm, SMD	7x6.6mm
R1	1	249	CRCW0402249RFKED	Vishay-Dale	RES, 249, 1%, 0.063 W, 0402	0402
R4, R6	2	33	CRCW040233R0JNED	Vishay-Dale	RES, 33, 5%, 0.063 W, 0402	0402
R5	1	20.0k	CRCW040220K0FKED	Vishay-Dale	RES, 20.0 k, 1%, 0.063 W, 0402	0402
R10, R11, R12, R13, R14, R15, R16, R17	8	5.6	CRCW08055R60JNEA	Vishay-Dale	RES, 5.6, 5%, 0.125 W, 0805	0805
U1	1		TAS5404PHD	Texas Instruments	Four-Channel Automotive Digital Amplifiers, PHD0064B	PHD0064B
FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial