

TIDA-01555-BBB REV E1 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCB1	1		TIDA-01555-BBB	Any	Printed Circuit Board	
C1	1	10uF	885012208069	Wurth	CAP, CERM, 10uF, 25V, +/-10%, X7R, 1206	1206
C2	1	0.1uF	06033C104JAT2A	AVX	CAP, CERM, 0.1uF, 25V, +/-5%, X7R, 0603	0603
C3	1	1uF	CGA3E3X5R1H105K080AB	TDK	CAP, CERM, 1uF, 50V, +/-10%, X5R, 0603	0603
C4	1	0.1uF	GRM188R71C104KA01D	MuRata	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X7R, 0603	0603
C5	1	47pF	GRM1555C1E470JA01D	MuRata	CAP, CERM, 47 pF, 25 V, +/- 5%, C0G/NP0, 0402	0402
FB1	1	1000 ohm	MMZ1608B102CTA00	TDK	Ferrite Bead, 1000 ohm @ 100 MHz, 0.3 A, 0603	0603
H9, H10	2		SJ-5303 (CLEAR)	3M	Bumpon, Hemisphere, 0.44 X 0.20, Clear	Transparent Bumpon
J1	1		SSW-120-01-T-D	Samtec	Receptacle, 2.54mm, 2x20, TH	Receptacle, 2.54mm, 2x20, TH
J2	1		PBC23DFAN	Sullins Connector Solutions	Header, 100 mil, 23x2, Gold, TH	Header, 100mil, 23x2, TH
LBL1	1		THT-14-423-10	Brady	Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	PCB Label 0.650"H x 0.200"W
R1, R2, R3, R4, R5, R6	6	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402
U1	1		CDCLVC1106PWR	Texas Instruments	Low Jitter, 1:6 LVCMOS Fan-out Clock Buffer, PW0014A (TSSOP-14)	PW0014A
U2	1		SN74LVC1G17DCKR	Texas Instruments	SINGLE SCHMITT-TRIGGER BUFFER, DCK0005A (SOT-SC70-5)	DCK0005A
FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial