

ChangeMe!

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
!PCB	1		Printed Circuit Board		TIDA-070005	Any	-	-
C100	1	0.47uF	CAP, CERM, 0.47 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0805	0805	GCM21BR71H474KA55L	MuRata		
C101, C103, C104	3	330uF	CAP, Tantalum Polymer, 330 uF, 10 V,+/- 20%, 7343-43 SMD	7343-43	T541X337M010AH6720	Kemet		
C102	1	0.47uF	CAP, CERM, 0.47 uF, 25 V,+/- 10%, X7R, 1209	1209	SR1209X7R474K1NT95(F)#M123A	Presidio Components		
C106, C111	2	0.01uF	CAP, CERM, 0.01 uF, 25 V,+/- 10%, X7R, 0603	0603	SR0603X7R103K1NT95(F)#M123A	Presidio Components		
C108	1	680pF	CAP, CERM, 680 pF, 10 V,+/- 10%, X7R, 0805	0805	SR0805X7R681K3NT95(F)#M123A	Presidio Components		
C109	1	0.033uF	CAP, CERM, 0.033 uF, 25 V,+/- 10%, X7R, 0805	0805	SR0805X7R333K1NT95(F)#M123A	Presidio Components		
C110	1	0.1uF	CAP, CERM, 0.1 uF, 25 V,+/- 10%, X7R, 0805	0805	SR0805X7R104K1NT95(F)#M123A	Presidio Components		
J100, J101, J102, J103, J104, J105, J106, J107, J108, J109, J110	11		PCB Pin, solderless Pressfit	952	0952-0-00-15-00-00-03-0	Mill-Max		
L100	1	2.2uH	Inductor, Composite, 2.2 uH, 18.4 A, 0.0028 ohm, SMD	11.3x10x10mm	AE611PYA222MSZ	Coilcraft CPS		
R100, R103, R108	3	10.0k	RES, 10.0 k, 1%, 0.1 W, 0603	0603	M55342K12B10E0T	TT Electronics/IRC		
R101, R102	2	0	RES, 0, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603	RMCF0603ZT0R00	Stackpole Electronics Inc		
R104	1	49.9	RES, 49.9, 1%, 0.1 W, 0603	0603	M55342K12B49D9T	TT Electronics/IRC		
R105	1	3.40k	RES, 3.40 k, 1%, 0.1 W, 0603	0603	M55342K12B3E40T	TT Electronics/IRC		
R106	1	10.1k	RES, 10.1 k, 0.1%, 0.1 W, 0603	0603	M55342E12B10B1T	TT Electronics/IRC		
R107	1	2.26k	RES, 2.26 k, 1%, 0.1 W, 0603	0603	M55342K12B2E26T	TT Electronics/IRC		
R109	1	196k	RES, 196 k, 1%, 0.1 W, 0603	0603	M55342K12B196ET	TT Electronics/IRC		
R110	1	19.6k	RES, 19.6 k, 0.1%, 0.1 W, 0603	0603	M55342E12B19B6T	TT Electronics/IRC		
U100	1		Radiation Hardened 3.0- to 6.3-V Input, 6-A Synchronous Buck Converter, HKH0020A (CFP-20)	HKH0020A	TPS50601AHKH/EM	Texas Instruments		Texas Instruments
C107	0	2700pF	CAP, CERM, 2700 pF, 25 V,+/- 10%, X7R, 0805	0805	SR0805X7R272K1NT95(F)#M123A	Presidio Components		
D100	0	20V	Diode, Schottky, 20 V, 3 A, SMB	SMB	B320B-13-F	Diodes Inc.		
FID1, FID2, FID3, FID4	0		Fiducial mark. There is nothing to buy or mount.	N/A	N/A	N/A		
R111	0	49.9	RES, 49.9, 1%, 0.15 W, 0805	0805	M55342K06B49D9T	TT Electronics/IRC		

Notes:
Unless otherwise noted in the Alternate PartNumber and/or Alternate Manufacturer columns, all parts may be substituted with equivalents.