

## ASMPCB-OSCI-OFFBOARD

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C:\Users\aflynn\data\AltiumGit\PartSync\_DB\BWRC.mdb

Quantity to Build: 1  
Part List Revision: A

BOM Date: 08/08/2021

Item Loc	Qty	Part Number Sort Code	Description	Reference
		Vendor Name	Vendor Part Number	Manf Name
1	2	BW-244-552	Antenna 2.4GHz R/A SMA	
		ATEN 2.4GHz	Taoglas GW.26.0112	
		Digi-Key 931-1119-ND	Taoglas GW.26.0112	
2	25	BW-399-799	Cap ceramic 1.8pF 50V +-0.1pF COG/NPO 0603	
		CAPC-0603 1.8pF 50V	Kemet CBR06C189B5GAC	
		Digi-Key 399-17533-1-ND	Kemet CBR06C189B5GAC	
3	25	BW-096-113	Cap ceramic 2.5pF 50V +-0.1pF COG/NPO 0603	
		CAPC-0603 2.5pF 50V	Kemet CBR06C259B5GAC	
		Digi-Key 399-16159-1-ND	Kemet CBR06C259B5GAC	
4	25	BW-353-790	Cap ceramic 3.3pF 50V +-0.1pF COG/NPO 0603	
		CAPC-0603 3.3pF 50V	Kemet CBR06C339B5GAC	
		Digi-Key 399-CBR06C339B5GACCT-ND	Kemet CBR06C339B5GAC	
5	25	BW-554-177	Cap ceramic 3.7pF 50V +-0.1pF COG/NPO 0603	
		CAPC-0603 3.7pF 50V	Kemet CBR06C379B5GAC	
		Digi-Key 399-16177-1-ND	Kemet CBR06C379B5GAC	
6	25	BW-279-321	Cap ceramic 4pF 50V +-0.25pF COG/NPO 0603	
		CAPC-0603 4pF 50V	Kemet CBR06C409C5GAC	
		Digi-Key 399-CBR06C409C5GACCT-ND	Kemet CBR06C409C5GAC	
7	25	BW-949-233	Cap ceramic 4.5pF 50V +-0.1pF COG/NPO 0603	
		CAPC-0603 4.5pF 50V	Kemet CBR06C459B5GAC	
		Digi-Key 399-16189-1-ND	Kemet CBR06C459B5GAC	
8	25	BW-385-334	Cap ceramic 5.1pF 250V +-0.25pF COG/NPO 0603	
		CAPC-0603 5.1pF 250V	Johanson 251R14S5R1CV4T	
		Digi-Key 712-1359-1-ND	Johanson Diele 251R14S5R1CV4T	
9	25	BW-219-248	Cap ceramic 5.3pF 50V +-0.1pF COG/NPO 0603	
		CAPC-0603 5.3pF 50V	Kemet CBR06C539B5GAC	
		Digi-Key 399-16203-1-ND	Kemet CBR06C539B5GAC	
10	25	BW-092-033	Cap ceramic 6.3pF 50V +-0.1pF COG/NPO 0603	
		CAPC-0603 6.3pF 50V	Kemet CBR06C639B5GAC	
		Digi-Key 399-16223-1-ND	Kemet CBR06C639B5GAC	
11	25	BW-528-951	Cap ceramic 7pF 50V +-0.1pF COG/NPO 0603	
		CAPC-0603 7pF 50V	Kemet CBR06C709B5GAC	
		Digi-Key 399-CBR06C709B5GACCT-ND	Kemet CBR06C709B5GAC	

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		Vendor Name	Vendor Part Number	Manf Name      Manf Part Number
12	25	BW-919-191 CAPC-0603 7.5pF 50V	Cap ceramic 7.5pF 50V +-0.1pF COG/NPO 0603 Kemet CBR06C759B5GAC	
		Digi-Key 399-16247-1-ND	Kemet CBR06C759B5GAC	
13	25	BW-272-590 CAPC-0603 8pF 50V	Cap ceramic 8pF 50V +-0.1pF COG/NPO 0603 Kemet CBR06C809B5GAC	
		Digi-Key 399-CBR06C809B5GACCT-ND	Kemet CBR06C809B5GAC	
14	25	BW-547-532 IND-0603 1nH 600mA	Inductor 1nH +-0.3nH 600 mA 0603 50 mohms Würth 744786010A	
		Digi-Key 732-6251-1-ND	Würth 744786010A	
15	25	BW-004-442 IND-0603 1.2nH 600mA	Inductor 1.2nH +-0.3nH 600 mA 0603 50 mohms Würth 744786012A	
		Digi-Key 732-6252-1-ND	Würth 744786012A	
16	25	BW-909-332 IND-0603 1.5nH 600mA	Inductor 1.5nH +-0.3nH 600 mA 0603 100 mohms Würth 744786015A	
		Digi-Key 732-6253-1-ND	Würth 744786015A	
17	25	BW-877-700 IND-0603 1.8nH 600mA	Inductor 1.8nH +-0.3nH 600 mA 0603 100 mohms Würth 744786018A	
		Digi-Key 732-6254-1-ND	Würth 744786018A	
18	25	BW-233-714 IND-0603 2.2nH 600mA	Inductor 2.2nH +-0.3nH 600 mA 0603 100 mohms Würth 744786022A	
		Digi-Key 732-6255-1-ND	Würth 744786022A	
19	25	BW-608-686 IND-0603 2.4nH 2.4A	Inductor 2.4nH +-0.2nH 2.4 A 0603 260 mohms Murata LQW18AN2N4C80D	
		Digi-Key 490-14721-1-ND	Murata LQW18AN2N4C80D	
20	25	BW-003-895 IND-0603 2.7nH 600mA	Inductor 2.7nH +-0.3nH 600 mA 0603 120 mohms Würth 744786027A	
		Digi-Key 732-6256-1-ND	Würth 744786027A	
21	25	BW-559-133 IND-0603 3nH 670mA	Inductor 3nH +-0.2nH 670 mA 0603 170 mohms Murata LQW18AN3N0C8ZD	
		Digi-Key 490-15686-1-ND	Murata LQW18AN3N0C8ZD	
22	25	BW-658-014 IND-0603 3.3nH 600mA	Inductor 3.3nH +-0.3nH 600 mA 0603 150 mohms Würth 744786033A	
		Digi-Key 732-6257-1-ND	Würth 744786033A	
23	25	BW-510-888 IND-0603 3.6nH 700mA	Inductor 3.6nH +-0.2nH 600 mA 0603 50 mohms Würth 744761036A	
		Digi-Key 732-744761036ACT-ND	Würth 744761036A	
24	25	BW-677-776 IND-0603 3.9nH 2.2A	Inductor 3.9nH +-0.1nH 2.2 A 0603 28 mohms Murata LQW18AN3N9B8ZD	
		Digi-Key 490-15687-1-ND	Murata LQW18AN3N9B8ZD	

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Vendor Name		Vendor Part Number	Manf Name	Manf Part Number
25	25	BW-657-811	Inductor 4.2nH +-0.2nH 2.2 A 0603 28 mohms	
		IND-0603 4.2nH 2.2A	Murata LQW18AN4N2C8ZD	
		Digi-Key 490-15703-1-ND	Murata LQW18AN4N2C8ZD	
26	25	BW-323-066	Inductor 4.7nH 2% 1.5 A 0603 54 mohms	
		IND-0603 4.7nH 1.5A	Murata LQW18AN4N7G8ZD	
		Digi-Key 490-15710-1-ND	Murata LQW18AN4N7G8ZD	
27	25	BW-654-293	Inductor 4.7nH 2% 1.5 A 0603 54 mohms	
		IND-0603 4.9nH 1.2A	Murata LQW18AN4N7G8ZD	
		Digi-Key 490-15712-1-ND	Murata LQW18AN4N9C8ZD	
28	25	BW-823-716	Inductor 5.1nH 2% 700 mA 0603 140 mohms	
		IND-0603 5.1nH 700mA	Murata LQW18AS5N1G0ZD	
		Digi-Key 490-15842-1-ND	Murata LQW18AS5N1G0ZD	