

# Bill of Materials

<Parameter Owner not found>

Revision: <Param

Project: GEMSRB03.PcbDoc  
 Source Data From: GEMSRB03.PcbDoc  
 Variant: None



BOM Report Generated: 2019/10/21 2:41:46 PM  
 Last Project Modification Date: 10/21/2019

NPE BOM Template Rev 2.3

#	Quantity	Designator	MFG_NAME01	MFG_PN01	Description	DNP
1	2	C1, C2	Murata	GRM0335C1E120GA01J	CAP CER 12PF 25V NP0 0201	
2	2	C3, C4	Johanson Technology Inc.	250R05L1R2BV4T	CAP CER 1.2PF 25V C0G/NP0 0201	
3	4	C5, C7, C8, C12	Yageo	CC0201KRX5R6BB104	CAP CER 0.1UF 10V X5R 0201	
4	4	C6, C19, C20, C21	Samsung	CL05A475KP5NRNC	CAP CER 4.7UF 10V X5R 0402	
5	1	C9	Taiyo Yuden	TMK063CG821JT-F	CAP CER 820PF 25V C0G/NP0 0201	
6	0	C10, C13	Yageo	CC0201KRX5R6BB104	CAP CER 0.1UF 10V X5R 0201	DNP
7	1	C11	KEMET	C0201C101J3GACTU	CAP CER 100PF 25V C0G/NP0 0201	
8	2	C14, C15	Samsung	CL03A105KP3NSNC	CAP CER 1UF 10V X5R 0201	
9	1	C16	Murata	GRM033R61C473ME84D	CAP CER 0.047UF 16V X5R 0201	
10	1	C17	Johanson Technology Inc.	250R05L1R8BV4T	CAP CER 1.8PF 25V C0G/NP0 0201	
11	1	E1	Yageo	ANT8010LL04R2400A	CHIP ANTENNA 2.4GHZ	
12	1	L1	Johanson Technology Inc.	L-05B3N9SV6T	FIXED IND 3.9NH 300MA 450 MOHM	
13	2	L2, L4	Taiyo Yuden	LBMF1608T100K	Inductor, 80mA, ±10%	
14	1	L3	Taiyo Yuden	HK100515NJ-T	Inductor, 320mA, ±5%	
15	1	L5	Johanson Technology Inc.	L-05B1N8SV6T	FIXED IND 1.8NH 300MA 220 MOHM	
16	1	SHLD1	NPE	NPE	GEMV3 RF SHIELD	
17	1	U1	Nordic Semiconductor	NRF52840-QIAA	Multi-protocol Bluetooth Low Energy, IEEE 802.15.4, ANT and	
18	1	X1	ECS Inc.	ECS-320-8-47-CKM-TR	CRYSTAL 32MHZ 8PF SMD	
19	0	Z3	KEMET	CBR02C159B3GAC	CAP CER 1.5PF 25V C0G/NP0 0201	DNP
					<b>Total Components:</b>	<b>27</b>

Approved

Notes