Bill of Materials

Item	Q.ty	Reference	Part/Value	Type/Additional notes	Tolerance
1	1	CN5	Arduino connector CN5 10 pins		
2	2	CN6, CN9	Arduino connectors CN6 and CN9 8 pins		
3	2	CN7, CN10	MORPHO connectors CN7 and CN10 38 pins	Not mounted	
4	1	CN8	Arduino connector CN8 6 pins		
5	1	C1	100 nF 16 V	Ceramic X7R	± 10%
6	1	C2	1 µF 16 V	Ceramic X5R	± 10%
7	1	J1	Jumper		
8	7	R1, R2, R3, R4, R6, R7, R8	0	R6, R7, R8 not mounted	± 1%
9	2	R5, R12	100 k		± 1%
10	1	R9	47 k		± 1%
11	2	R10, R11	10 k		± 1%
12	1	U1	SPBTLE-RF		
13	1	U2	M95640-RMC6TG		

Bill of Materials (additional columns)

Item	Package	Manufacturer	Manuf. order code part number
1	Pass-through: male on bottom, female on top. 10x1 2.54 mm pitch	SAMTEC	SSQ-110-03-F-S
2	Pass-through: male on bottom, female on top. 8x1 2.54 mm pitch	SAMTEC	SSQ-108-03-F-S
3	Pass-through: female on bottom, male on top. 19x2 2.54 mm pitch		
4	Pass-through: male on bottom, female on top. 6x1 2.54 mm pitch	SAMTEC	SSQ-106-03-G-S
5	SMD 0402	Murata	GRM155R71C104KA88
6	SMD 0402	TDK	C1005X5R1C105K050BC
7	Through hole 26x1 2.54 mm pitch	ANY	ANY
8	SMD 0805	ANY	ANY
9	SMD 0805	ANY	ANY
10	SMD 0805	ANY	ANY
11	SMD 0805	ANY	ANY
12	SMD 11 pins	ST	SPBTLE-RF
13	UFDFPN8 (MLP8)	ST	M95640-RMC6TG