

BGM12x ATEX

Document Revision History Table

Rev.	Date	Initiator	Description of Changes
1.1	June 2020	Marton Komancsik	• Added revision history • Added module version notations (V2)
1.0	July 2017	Pasi Rahikkala	Initial release

Total amount of capacitors, inductors and resistors in BGM121-V2, BGM123-V2

Type	Package	Value	Tol	Qty
Inductor	0603	4.7uH	+/-20%	1
Inductor	0201	2.3nH	+/-0.1nH	1
TOTAL INDUCTANCE		4.7uH		
Capacitor	0402	10uF	+/-20%	1
Capacitor	0201	1.0uF	+/-20%	4
Capacitor	0201	220nF	+/-10%	1
Capacitor	0201	100nF	+/-10%	4
Capacitor	0201	10nF	+/-10%	1
Capacitor	0201	100pF	+/-5%	1
Capacitor	0201	10pF	+/-2%	1
Capacitor	0201	1.0pF	+/-0.1pF	1
TOTAL CAPACITANCE		14.63uF		
Resistor	0201	0R / 20W		1
Ferrite Bead	0201	10ohm@100MHZ, DCR=0.1ohm, 500mA		1

- The module contains DC-DC buck regulator.
- The maximum TX power is 10 dBm.
- The maximum current is less than 100 mA.