



## Material Content Data Sheet



Halogen-Free

**Sales Product Name** IMBG65R083M1H

**Issued**

08. February 2022

**MA#** MA005543121

**Package** PG-TO263-7-12

**Weight\***

1435.61 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.028			20	
	noble metal	gold	7440-57-5	0.110	0.01		77	
	inorganic material	siliconcarbide	409-21-2	1.693	0.12	0.13	1179	1276
leadframe	inorganic material	phosphorus	7723-14-0	0.243	0.02		169	
	non noble metal	iron	7439-89-6	0.810	0.06		564	
	non noble metal	copper	7440-50-8	808.567	56.31	56.39	563222	563955
wire	non noble metal	aluminium	7429-90-5	4.179	0.29	0.29	2911	2911
encapsulation	inorganic material	zincoxide	1314-13-2	6.064	0.42		4224	
	miscellaneous	miscellaneous	-	24.256	1.69		16896	
	plastics	epoxy resin	-	90.959	6.34		63359	
	inorganic material	silicondioxide	60676-86-0	485.116	33.79	42.24	337917	422396
leadfinish	non noble metal	tin	7440-31-5	9.890	0.69	0.69	6889	6889
plating	inorganic material	phosphorus	7723-14-0	0.009			6	
	non noble metal	nickel	7440-02-0	3.686	0.26	0.26	2567	2573
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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