



Material Content Data Sheet



Halogen-Free

Sales Product Name IMBG65R039M1H

Issued

09. February 2022

MA# MA005542478

Package PG-TO263-7-12

Weight*

1437.20 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	0.053			37	
	noble metal	gold	7440-57-5	0.207	0.01		144	
	inorganic material	siliconcarbide	409-21-2	3.180	0.22	0.23	2212	2393
leadframe	inorganic material	phosphorus	7723-14-0	0.243	0.02		169	
	non noble metal	iron	7439-89-6	0.810	0.06		563	
	non noble metal	copper	7440-50-8	808.567	56.25	56.33	562602	563334
wire	non noble metal	aluminium	7429-90-5	7.282	0.51	0.51	5067	5067
encapsulation	inorganic material	zincoxide	1314-13-2	6.033	0.42		4198	
	miscellaneous	miscellaneous	-	24.131	1.68		16790	
	plastics	epoxy resin	-	90.490	6.30		62963	
	inorganic material	silicondioxide	60676-86-0	482.615	33.58	41.98	335804	419755
leadfinish	non noble metal	tin	7440-31-5	9.890	0.69	0.69	6881	6881
plating	inorganic material	phosphorus	7723-14-0	0.009			6	
	non noble metal	nickel	7440-02-0	3.686	0.26	0.26	2564	2570
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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