



Material Content Data Sheet



Halogen-Free

Sales Product Name IMBG65R030M1H

Issued

09. February 2022

MA# MA005542470

Package PG-TO263-7-12

Weight*

1437.50 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	0.061			43	
	noble metal	gold	7440-57-5	0.238	0.02		165	
	inorganic material	siliconcarbide	409-21-2	3.652	0.25	0.27	2540	2748
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	56.23	56.31	562483	563215
wire	non noble metal	aluminium	7429-90-5	7.559	0.53	0.53	5259	5259
encapsulation	inorganic material	zinc oxide	1314-13-2	6.028	0.42		4193	
	miscellaneous	miscellaneous	-	24.111	1.68		16773	
	plastics	epoxy resin	-	90.417	6.29		62899	
	inorganic material	silicon dioxide	60676-86-0	482.226	33.55	41.94	335463	419328
lead finish	non noble metal	tin	7440-31-5	9.890	0.69	0.69	6880	6880
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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