



Material Content Data Sheet



Halogen-Free

Sales Product Name BGA 7M1N6 E6327

Issued

03. February 2022

MA# MA001115610

Package PG-TSNP-6-2

Weight*

0.92 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.093	10.16	10.16	101581	101581
bumps	non noble metal	copper	7440-50-8	0.003	0.33	0.33	3303	3303
leadframe	non noble metal	zinc	7440-66-6	0.001	0.08		777	
	non noble metal	tin	7440-31-5	0.001	0.10		971	
	non noble metal	chromium	7440-47-3	0.001	0.12		1166	
	non noble metal	copper	7440-50-8	0.353	38.57	38.87	385626	388540
encapsulation	organic material	carbon black	1333-86-4	0.002	0.22		2240	
	inorganic material	zink oxide	1314-13-2	0.004	0.45		4479	
	miscellaneous	miscellaneous	-	0.006	0.67		6720	
	plastics	epoxy resin	-	0.045	4.93		49275	
	inorganic material	silicondioxide	60676-86-0	0.353	38.52	44.79	385244	447958
leadfinish	non noble metal	tin	7440-31-5	0.037	4.05	4.05	40548	40548
plating	noble metal	silver	7440-22-4	0.015	1.62	1.62	16200	16200
solder	noble metal	silver	7440-22-4	0.000			41	
	non noble metal	tin	7440-31-5	0.002	0.18	0.18	1776	1817
ubm	non noble metal	tungsten	7440-33-7	0.000			7	
	non noble metal	titanium	7440-32-6	0.000			12	
	non noble metal	copper	7440-50-8	0.000			34	53
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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