



Material Content Data Sheet



Halogen-Free

Sales Product Name IPZA60R060P7

Issued

08. February 2022

MA# MA005620904

Package PG-TO247-4-3

Weight*

6292.78 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	10.430	0.17	0.17	1657	1657
leadframe	inorganic material	phosphorus	7723-14-0	1.279	0.02		203	
	non noble metal	iron	7439-89-6	4.263	0.07		677	
	non noble metal	copper	7440-50-8	4,257.756	67.66	67.75	676612	677492
wire	non noble metal	aluminium	7429-90-5	7.841	0.12	0.12	1246	1246
encapsulation	organic material	carbon black	1333-86-4	19.703	0.31		3131	
	plastics	epoxy resin	-	374.357	5.95		59490	
	inorganic material	silicondioxide	60676-86-0	1,576.239	25.05	31.31	250484	313105
leadfinish	non noble metal	tin	7440-31-5	34.164	0.54	0.54	5429	5429
plating	non noble metal	nickel	7440-02-0	1.950	0.03	0.03	310	310
solder	non noble metal	antimony	7440-36-0	0.479	0.01		76	
	noble metal	silver	7440-22-4	1.199	0.02		190	
	non noble metal	tin	7440-31-5	3.117	0.05	0.08	495	761
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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