

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPI60R125CP	**Issued**	16. May 2021
MA#	MA005402883		
Package	PG-TO262-3-22	**Weight***	1577.66 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	13.508	0.86	0.86	8562	8562
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	iron	7439-89-6	0.851	0.05		539	
	non noble metal	copper	7440-50-8	849.682	53.86	53.93	538573	539274
wire	non noble metal	aluminium	7429-90-5	3.207	0.20	0.20	2033	2033
encapsulation	organic material	carbon black	1333-86-4	2.906	0.18		1842	
	miscellaneous	miscellaneous	-	2.906	0.18		1842	
	organic material	phenol formaldehyde resin	9003-35-4	34.872	2.21		22104	
	inorganic material	silicondioxide	14808-60-7	46.496	2.95		29471	
	non noble metal	metal hydroxide	-	46.496	2.95		29471	
	plastics	epoxy resin	29690-82-2	69.744	4.42		44207	
	inorganic material	silicondioxide	60676-86-0	377.780	23.95	36.84	239456	368393
leadfinish	non noble metal	tin	7440-31-5	15.198	0.96	0.96	9633	9633
plating	non noble metal	nickel	7440-02-0	1.651	0.10	0.10	1046	1046
solder	non noble metal	antimony	7440-36-0	0.576	0.04		365	
	noble metal	silver	7440-22-4	1.440	0.09		913	
	non noble metal	tin	7440-31-5	3.743	0.24	0.37	2373	3651
heatspreader	inorganic material	phosphorus	7723-14-0	0.032			20	
	non noble metal	iron	7439-89-6	0.106	0.01		67	
	non noble metal	copper	7440-50-8	106.210	6.73	6.74	67321	67408
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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