

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPI90R340C3	**Issued**	15. May 2021
MA#	MA005342348		
Package	PG-TO262-3-22	**Weight***	1568.56 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	13.276	0.85	0.85	8464	8464
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		542	
	non noble metal	copper	7440-50-8	849.682	54.15	54.22	541697	542402
wire	non noble metal	aluminium	7429-90-5	3.333	0.21	0.21	2125	2125
encapsulation	organic material	carbon black	1333-86-4	2.289	0.15		1459	
	plastics	epoxy resin	-	66.385	4.23		42322	
	inorganic material	silicondioxide	60676-86-0	503.611	32.11	36.49	321066	364847
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9689	9689
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1052	1052
solder	non noble metal	antimony	7440-36-0	0.568	0.04		362	
	noble metal	silver	7440-22-4	1.420	0.09		905	
	non noble metal	tin	7440-31-5	3.693	0.24	0.37	2354	3621
heatspreader	inorganic material	phosphorus	7723-14-0	0.032			20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.77	6.78	67712	67800
*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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