

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPI60R190C6	**Issued**	02. June 2021
MA#	MA001135256		
Package	PG-TO262-3-22	**Weight***	1566.21 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	8.148	0.52	0.52	5202	5202
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		543	
	non noble metal	copper	7440-50-8	849.682	54.25	54.32	542511	543217
wire	non noble metal	aluminium	7429-90-5	2.986	0.19	0.19	1907	1907
encapsulation	organic material	carbon black	1333-86-4	2.309	0.15		1474	
	plastics	epoxy resin	-	66.947	4.27		42745	
	inorganic material	silicondioxide	60676-86-0	507.876	32.43	36.85	324272	368491
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9703	9703
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1054	1054
solder	non noble metal	antimony	7440-36-0	0.395	0.03		252	
	noble metal	silver	7440-22-4	0.989	0.06		631	
	non noble metal	tin	7440-31-5	2.570	0.16	0.25	1641	2524
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	6.78	6.79	67814	67902
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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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