

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPI60R380C6	**Issued**	16. May 2021
MA#	MA005402994		
Package	PG-TO262-3-22	**Weight***	1572.92 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	4.522	0.29	0.29	2875	2875
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	iron	7439-89-6	0.851	0.05		541	
	non noble metal	copper	7440-50-8	849.682	54.01	54.08	540195	540898
wire	non noble metal	aluminium	7429-90-5	0.703	0.04	0.04	447	447
encapsulation	organic material	carbon black	1333-86-4	2.956	0.19		1879	
	miscellaneous	miscellaneous	-	2.956	0.19		1879	
	organic material	phenol formaldehyde resin	9003-35-4	35.466	2.25		22548	
	inorganic material	silicondioxide	14808-60-7	47.288	3.01		30064	
	non noble metal	metal hydroxide	-	47.288	3.01		30064	
	plastics	epoxy resin	29690-82-2	70.932	4.51		45096	
	inorganic material	silicondioxide	60676-86-0	384.216	24.43	37.59	244269	375799
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9662	9662
plating	non noble metal	nickel	7440-02-0	1.651	0.10	0.10	1050	1050
solder	non noble metal	antimony	7440-36-0	0.261	0.02		166	
	noble metal	silver	7440-22-4	0.652	0.04		414	
	non noble metal	tin	7440-31-5	1.694	0.11	0.17	1077	1657
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	6.75	6.76	67524	67612
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com