



## Material Content Data Sheet



Halogen-Free

**Sales Product Name** IPSA70R600CE

**Issued**

17. February 2022

**MA#** MA005619508

**Package** PG-TO251-3-347

**Weight\***

302.85 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	3.294	1.09	1.09	10877	10877
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		145	
	non noble metal	iron	7439-89-6	0.146	0.05		483	
	non noble metal	copper	7440-50-8	146.214	48.27	48.33	482801	483429
wire	non noble metal	aluminium	7429-90-5	0.574	0.19	0.19	1894	1894
encapsulation	organic material	carbon black	1333-86-4	1.233	0.41		4072	
	plastics	epoxy resin	-	23.430	7.74		77367	
	inorganic material	silicondioxide	60676-86-0	98.653	32.58	40.73	325755	407194
leadfinish	non noble metal	tin	7440-31-5	3.774	1.25	1.25	12463	12463
solder	non noble metal	tin	7440-31-5	0.060	0.02		198	
	noble metal	silver	7440-22-4	0.075	0.02		248	
	non noble metal	lead	7439-92-1	2.863	0.95	0.99	9455	9901
heatspreader	inorganic material	phosphorus	7723-14-0	0.007			22	
	non noble metal	iron	7439-89-6	0.022	0.01		74	
	non noble metal	copper	7440-50-8	22.455	7.41	7.42	74146	74242
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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