

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPS60R400CE	**Issued**	25. June 2021
MA#	MA005558515		
Package	PG-TO251-3-346	**Weight***	386.88 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	1.17	1.17	11688	11688
leadframe	inorganic material	phosphorus	7723-14-0	0.070	0.02		181	
	non noble metal	iron	7439-89-6	0.233	0.06		603	
	non noble metal	copper	7440-50-8	233.116	60.26	60.34	602552	603336
wire	non noble metal	aluminium	7429-90-5	0.545	0.14	0.14	1410	1410
encapsulation	organic material	carbon black	1333-86-4	0.688	0.18		1778	
	plastics	epoxy resin	-	18.577	4.80		48017	
	inorganic material	silicondioxide	60676-86-0	118.343	30.59	35.57	305889	355684
leadfinish	non noble metal	tin	7440-31-5	7.055	1.82	1.82	18235	18235
solder	non noble metal	tin	7440-31-5	0.075	0.02		193	
	noble metal	silver	7440-22-4	0.093	0.02		241	
	non noble metal	lead	7439-92-1	3.564	0.92	0.96	9213	9647
*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.

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