

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPS65R400CE	**Issued**	02. June 2021
MA#	MA001582010		
Package	PG-TO251-3-346	**Weight***	386.99 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	4.901	1.27	1.27	12664	12664
leadframe	inorganic material	phosphorus	7723-14-0	0.063	0.02		162	
	non noble metal	iron	7439-89-6	0.209	0.05		539	
	non noble metal	copper	7440-50-8	208.238	53.80	53.87	538098	538799
wire	non noble metal	aluminium	7429-90-5	0.443	0.11	0.11	1145	1145
encapsulation	organic material	carbon black	1333-86-4	0.686	0.18		1773	
	plastics	epoxy resin	-	18.528	4.79		47878	
	inorganic material	silicondioxide	60676-86-0	118.030	30.50	35.47	304998	354649
leadfinish	non noble metal	tin	7440-31-5	7.055	1.82	1.82	18230	18230
solder	non noble metal	tin	7440-31-5	0.078	0.02		203	
	noble metal	silver	7440-22-4	0.098	0.03		254	
	non noble metal	lead	7439-92-1	3.748	0.97	1.02	9685	10142
heatspreader	inorganic material	phosphorus	7723-14-0	0.007			19	
	non noble metal	iron	7439-89-6	0.025	0.01		64	
	non noble metal	copper	7440-50-8	24.879	6.43	6.44	64288	64371
*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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