

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPS60R650CE	**Issued**	07. April 2021
MA#	MA001704034		
Package	PG-TO251-3-346	**Weight***	385.83 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	3.063	0.79	0.79	7938	7938
leadframe	inorganic material	phosphorus	7723-14-0	0.063	0.02		162	
	non noble metal	iron	7439-89-6	0.209	0.05		540	
	non noble metal	copper	7440-50-8	208.238	53.97	54.04	539715	540417
wire	non noble metal	aluminium	7429-90-5	0.444	0.12	0.12	1152	1152
encapsulation	organic material	carbon black	1333-86-4	0.695	0.18		1802	
	plastics	epoxy resin	-	18.767	4.86		48642	
	inorganic material	silicondioxide	60676-86-0	119.555	30.99	36.03	309866	360310
leadfinish	non noble metal	tin	7440-31-5	7.055	1.83	1.83	18284	18284
solder	non noble metal	tin	7440-31-5	0.057	0.01		147	
	noble metal	silver	7440-22-4	0.071	0.02		183	
	non noble metal	lead	7439-92-1	2.702	0.70	0.73	7004	7334
heatspreader	inorganic material	phosphorus	7723-14-0	0.007			19	
	non noble metal	iron	7439-89-6	0.025	0.01		65	
	non noble metal	copper	7440-50-8	24.879	6.45	6.46	64481	64565
*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