



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPS60R280PFD7S	Issued	26. June 2021
MA#	MA005568822		
Package	PG-TO251-3-346	Weight*	386.46 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	2.932	0.76	0.76	7587	7587
leadframe	inorganic material	phosphorus	7723-14-0	0.070	0.02		181	
	non noble metal	iron	7439-89-6	0.233	0.06		604	
	non noble metal	copper	7440-50-8	233.116	60.32	60.40	603209	603994
wire	non noble metal	aluminium	7429-90-5	2.795	0.72	0.72	7231	7231
encapsulation	organic material	carbon black	1333-86-4	0.687	0.18		1779	
	plastics	epoxy resin	-	18.559	4.80		48024	
	inorganic material	silicondioxide	60676-86-0	118.230	30.59	35.57	305931	355734
leadfinish	non noble metal	tin	7440-31-5	7.055	1.83	1.83	18255	18255
solder	non noble metal	tin	7440-31-5	0.056	0.01		144	
	noble metal	silver	7440-22-4	0.070	0.02		180	
	non noble metal	lead	7439-92-1	2.657	0.69	0.72	6875	7199
*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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