

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPS60R600PFD7S	**Issued**	03. June 2021
MA#	MA004830762		
Package	PG-TO251-3-346	**Weight***	385.23 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	1.669	0.43	0.43	4331	4331
leadframe	inorganic material	phosphorus	7723-14-0	0.063	0.02		162	
	non noble metal	iron	7439-89-6	0.209	0.05		541	
	non noble metal	copper	7440-50-8	208.238	54.06	54.13	540556	541259
wire	non noble metal	aluminium	7429-90-5	1.405	0.36	0.36	3646	3646
encapsulation	organic material	carbon black	1333-86-4	0.699	0.18		1814	
	plastics	epoxy resin	-	18.865	4.90		48971	
	inorganic material	silicondioxide	60676-86-0	120.178	31.20	36.28	311967	362752
leadfinish	non noble metal	tin	7440-31-5	7.055	1.83	1.83	18313	18313
solder	non noble metal	tin	7440-31-5	0.039	0.01		101	
	noble metal	silver	7440-22-4	0.048	0.01		126	
	non noble metal	lead	7439-92-1	1.851	0.48	0.50	4806	5033
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	6.46	6.47	64582	64666
*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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