

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPS70R360P7S	**Issued**	04. April 2021
MA#	MA001583004		
Package	PG-TO251-3-343	**Weight***	340.06 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	2.493	0.73	0.73	7330	7330
leadframe	inorganic material	phosphorus	7723-14-0	0.048	0.01		141	
	non noble metal	iron	7439-89-6	0.160	0.05		471	
	non noble metal	copper	7440-50-8	159.794	47.00	47.06	469895	470507
wire	non noble metal	aluminium	7429-90-5	0.431	0.13	0.13	1269	1269
encapsulation	organic material	carbon black	1333-86-4	0.725	0.21		2132	
	plastics	epoxy resin	-	19.571	5.76		57551	
	inorganic material	silicondioxide	60676-86-0	124.674	36.66	42.63	366619	426302
leadfinish	non noble metal	tin	7440-31-5	4.771	1.40	1.40	14029	14029
solder	non noble metal	tin	7440-31-5	0.050	0.01		146	
	noble metal	silver	7440-22-4	0.062	0.02		183	
	non noble metal	lead	7439-92-1	2.378	0.70	0.73	6993	7322
heatspreader	inorganic material	phosphorus	7723-14-0	0.007			22	
	non noble metal	iron	7439-89-6	0.025	0.01		73	
	non noble metal	copper	7440-50-8	24.874	7.31	7.32	73146	73241
*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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