

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD70R600P7S	**Issued**	24. February 2022
MA#	MA001501954		
Package	PG-TO252-3-344	**Weight***	322.07 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	1.674	0.52	0.52	5197	5197
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		134	
	non noble metal	iron	7439-89-6	0.144	0.04		447	
	non noble metal	copper	7440-50-8	143.904	44.71	44.76	446814	447395
wire	non noble metal	aluminium	7429-90-5	0.457	0.14	0.14	1420	1420
encapsulation	organic material	carbon black	1333-86-4	0.685	0.21		2128	
	plastics	epoxy resin	-	18.502	5.74		57447	
	inorganic material	silicondioxide	60676-86-0	117.864	36.60	42.55	365961	425536
leadfinish	non noble metal	tin	7440-31-5	3.834	1.19	1.19	11903	11903
solder	non noble metal	tin	7440-31-5	0.038	0.01		119	
	noble metal	silver	7440-22-4	0.048	0.01		149	
	non noble metal	lead	7439-92-1	1.836	0.57	0.59	5701	5969
heatspreader	inorganic material	phosphorus	7723-14-0	0.010			31	
	non noble metal	iron	7439-89-6	0.033	0.01		103	
	non noble metal	copper	7440-50-8	32.995	10.24	10.25	102446	102580
*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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