



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPSA70R900P7S	Issued	12. May 2021
MA#	MA001692338		
Package	PG-TO251-3-347	Weight*	301.15 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	1.203	0.40	0.40	3995	3995
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		146	
	non noble metal	iron	7439-89-6	0.146	0.05		486	
	non noble metal	copper	7440-50-8	146.214	48.55	48.61	485514	486146
wire	non noble metal	aluminium	7429-90-5	0.146	0.05	0.05	484	484
encapsulation	organic material	carbon black	1333-86-4	1.256	0.42		4170	
	plastics	epoxy resin	-	23.858	7.92		79222	
	inorganic material	silicon dioxide	60676-86-0	100.454	33.36	41.70	333566	416958
leadfinish	non noble metal	tin	7440-31-5	3.774	1.25	1.25	12533	12533
solder	non noble metal	tin	7440-31-5	0.031	0.01		104	
	noble metal	silver	7440-22-4	0.039	0.01		131	
	non noble metal	lead	7439-92-1	1.503	0.50	0.52	4989	5224
heatspreader	inorganic material	phosphorus	7723-14-0	0.007			22	
	non noble metal	iron	7439-89-6	0.022	0.01		75	
	non noble metal	copper	7440-50-8	22.455	7.46	7.47	74563	74660
*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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