



Material Content Data Sheet



Sales Product Name		IPSA70R950CE		Issued		20. July 2018		
MA#		MA001809706						
Package		PG-TO251-3-347		Weight*		302.19 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	2.509	0.83	0.83	8303	8303
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		145	
	non noble metal	iron	7439-89-6	0.146	0.05		484	
	non noble metal	copper	7440-50-8	146.214	48.38	48.44	483846	484475
	non noble metal	aluminium	7429-90-5	0.446	0.15	0.15	1474	1474
wire	non noble metal	aluminium	7429-90-5	0.446	0.15	0.15	1474	1474
encapsulation	organic material	carbon black	1333-86-4	1.241	0.41		4105	
	plastics	epoxy resin	-	23.570	7.80		77998	
	inorganic material	silicondioxide	60676-86-0	99.244	32.84	41.05	328414	410517
leadfinish	non noble metal	tin	7440-31-5	3.774	1.25	1.25	12490	12490
solder	non noble metal	tin	7440-31-5	0.050	0.02		167	
	noble metal	silver	7440-22-4	0.063	0.02		208	
	non noble metal	lead	7439-92-1	2.406	0.80	0.84	7963	8338
heatspreader	inorganic material	phosphorus	7723-14-0	0.007	0.00		22	
	non noble metal	iron	7439-89-6	0.022	0.01		74	
	non noble metal	copper	7440-50-8	22.455	7.43	7.44	74307	74403
*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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