



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPSA70R600CE	Issued	11. May 2021
MA#	MA001636912		
Package	PG-TO251-3-347	Weight*	302.71 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	3.294	1.09	1.09	10882	10882
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	48.30	48.36	483018	483647
wire	non noble metal	aluminium	7429-90-5	0.467	0.15	0.15	1542	1542
encapsulation	organic material	carbon black	1333-86-4	1.233	0.41		4074	
	plastics	epoxy resin	-	23.430	7.74		77402	
	inorganic material	silicon dioxide	60676-86-0	98.653	32.59	40.74	325902	407378
leadfinish	non noble metal	tin	7440-31-5	3.774	1.25	1.25	12468	12468
solder	non noble metal	tin	7440-31-5	0.059	0.02		196	
	noble metal	silver	7440-22-4	0.074	0.02		245	
	non noble metal	lead	7439-92-1	2.835	0.94	0.98	9366	9807
heatspreader	inorganic material	phosphorus	7723-14-0	0.007			22	
	non noble metal	iron	7439-89-6	0.022	0.01		74	
	non noble metal	copper	7440-50-8	22.455	7.42	7.43	74180	74276
*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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