



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPD70R600CE	Issued	25. June 2021
MA#	MA005558451		
Package	PG-TO252-3-344	Weight*	323.29 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	1.02	1.02	10189	10189
leadframe	inorganic material	phosphorus	7723-14-0	0.053	0.02		164	
	non noble metal	iron	7439-89-6	0.177	0.05		548	
	non noble metal	copper	7440-50-8	176.899	54.71	54.78	547190	547902
wire	non noble metal	aluminium	7429-90-5	0.560	0.17	0.17	1732	1732
encapsulation	organic material	carbon black	1333-86-4	0.677	0.21		2095	
	plastics	epoxy resin	-	18.289	5.66		56571	
	inorganic material	silicondioxide	60676-86-0	116.505	36.04	41.91	360378	419044
leadfinish	non noble metal	tin	7440-31-5	3.834	1.19	1.19	11858	11858
solder	non noble metal	tin	7440-31-5	0.060	0.02		186	
	noble metal	silver	7440-22-4	0.075	0.02		232	
	non noble metal	lead	7439-92-1	2.863	0.89	0.93	8857	9275
*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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