



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPD60R1K0CE	Issued	23. June 2021
MA#	MA005545347		
Package	PG-TO252-3-344	Weight*	322.52 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	2.144	0.66	0.66	6647	6647
leadframe	inorganic material	phosphorus	7723-14-0	0.053	0.02		165	
	non noble metal	iron	7439-89-6	0.177	0.05		549	
	non noble metal	copper	7440-50-8	176.899	54.85	54.92	548481	549195
wire	non noble metal	aluminium	7429-90-5	0.565	0.18	0.18	1752	1752
encapsulation	organic material	carbon black	1333-86-4	0.683	0.21		2117	
	plastics	epoxy resin	-	18.439	5.72		57171	
	inorganic material	silicon dioxide	60676-86-0	117.463	36.42	42.35	364200	423488
leadfinish	non noble metal	tin	7440-31-5	3.834	1.19	1.19	11886	11886
solder	non noble metal	tin	7440-31-5	0.045	0.01		141	
	noble metal	silver	7440-22-4	0.057	0.02		176	
	non noble metal	lead	7439-92-1	2.166	0.67	0.70	6715	7032
*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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