



Material Content Data Sheet



Halogen-Free

Sales Product Name IPD60R360P7S E8228

Issued

12. April 2021

MA# MA002459962

Package PG-TO252-3-344

Weight*

323.00 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	2.321	0.72	0.72	7185	7185
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		134	
	non noble metal	iron	7439-89-6	0.144	0.04		446	
	non noble metal	copper	7440-50-8	143.904	44.55	44.60	445522	446102
wire	non noble metal	aluminium	7429-90-5	2.024	0.63	0.63	6266	6266
encapsulation	organic material	carbon black	1333-86-4	0.677	0.21		2095	
	plastics	epoxy resin	-	18.270	5.66		56563	
	inorganic material	silicondioxide	60676-86-0	116.385	36.03	41.90	360325	418983
leadfinish	non noble metal	tin	7440-31-5	3.834	1.19	1.19	11868	11868
solder	non noble metal	tin	7440-31-5	0.047	0.01		146	
	noble metal	silver	7440-22-4	0.059	0.02		183	
	non noble metal	lead	7439-92-1	2.256	0.70	0.73	6984	7313
heatspreader	inorganic material	phosphorus	7723-14-0	0.010			31	
	non noble metal	iron	7439-89-6	0.033	0.01		102	
	non noble metal	copper	7440-50-8	32.995	10.22	10.23	102150	102283
*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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