



Material Content Data Sheet



Sales Product Name		IPD60R280P7S		Issued		20. July 2018		
MA#		MA001674078						
Package		PG-TO252-3-344		Weight*		322.99 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	3.030	0.94	0.94	9381	9381
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	44.56	44.61	445535	446115
	non noble metal	aluminium	7429-90-5	0.432	0.13	0.13	1337	1337
wire	non noble metal	aluminium	7429-90-5	0.432	0.13	0.13	1337	1337
encapsulation	organic material	carbon black	1333-86-4	0.679	0.21		2101	
	plastics	epoxy resin	-	18.325	5.67		56735	
	inorganic material	silicondioxide	60676-86-0	116.736	36.14	42.02	361422	420258
leadfinish	non noble metal	tin	7440-31-5	3.834	1.19	1.19	11869	11869
solder	non noble metal	tin	7440-31-5	0.057	0.02		175	
	noble metal	silver	7440-22-4	0.071	0.02		219	
	non noble metal	lead	7439-92-1	2.700	0.84	0.88	8360	8754
heatspreader	inorganic material	phosphorus	7723-14-0	0.010	0.00		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	102153	102286
*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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