



Material Content Data Sheet



Sales Product Name		IPD60R180P7		Issued		16. July 2019		
MA#		MA005347758						
Package		PG-TO252-3-341		Weight*		389.34 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	4.174	1.07	1.07	10721	10721
leadframe	inorganic material	phosphorus	7723-14-0	0.069	0.02		177	
	non noble metal	iron	7439-89-6	0.229	0.06		589	
	non noble metal	copper	7440-50-8	228.946	58.80	58.88	588041	588807
	non noble metal	aluminium	7429-90-5	1.554	0.40	0.40	3990	3990
wire	non noble metal	aluminium	7429-90-5	1.554	0.40	0.40	3990	3990
encapsulation	organic material	carbon black	1333-86-4	0.382	0.10		981	
	plastics	epoxy resin	-	11.591	2.98		29772	
	inorganic material	silicondioxide	60676-86-0	115.405	29.64	32.72	296414	327167
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9606	9606
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1307	1307
solder	non noble metal	tin	7440-31-5	0.071	0.02		182	
	noble metal	silver	7440-22-4	0.088	0.02		227	
	non noble metal	lead	7439-92-1	3.376	0.87	0.91	8672	9081
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		15	
	non noble metal	iron	7439-89-6	0.019	0.00		49	
	non noble metal	copper	7440-50-8	19.177	4.93	4.93	49257	49321
*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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