



Material Content Data Sheet



Sales Product Name		IPD60R180C7		Issued		22. January 2018			
MA#		MA001302032							
Package		PG-TO252-3-341		Weight*		389.19 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	3.951	1.02	1.02	10152	10152	
leadframe	non noble metal	iron	7439-89-6	0.248	0.06		638		
	inorganic material	phosphorus	7723-14-0	0.075	0.02		192		
	non noble metal	copper	7440-50-8	248.124	63.76	63.84	637544	638374	
wire	non noble metal	aluminium	7429-90-5	1.614	0.41	0.41	4147	4147	
encapsulation	organic material	carbon black	1333-86-4	0.383	0.10		983		
	plastics	epoxy resin	-	11.607	2.98		29823		
	inorganic material	silicondioxide	60676-86-0	115.556	29.69	32.77	296916	327722	
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9610	9610	
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1307	1307	
solder	noble metal	silver	7440-22-4	0.085	0.02		217		
	non noble metal	tin	7440-31-5	0.068	0.02		174		
	non noble metal	lead	7439-92-1	3.229	0.83	0.87	8297	8688	
*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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