



Material Content Data Sheet



Sales Product Name				IPD60R3K3C6		Issued		20. December 2016	
MA#				MA000973220					
Package				PG-TO252-3-341		Weight*		381.08 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	1.000	0.26	0.26	2623	2623	
leadframe	non noble metal	iron	7439-89-6	0.248	0.07		652		
	inorganic material	phosphorus	7723-14-0	0.075	0.02		196		
	non noble metal	copper	7440-50-8	248.124	65.11	65.20	651108	651956	
wire	non noble metal	aluminium	7429-90-5	4.397	1.15	1.15	11539	11539	
encapsulation	inorganic material	antimonytrioxide	1309-64-4	1.702	0.45		4466		
	plastics	brominated resin	-	1.824	0.48		4785		
	organic material	carbon black	1333-86-4	1.945	0.51		5104		
	plastics	epoxy resin	-	16.413	4.31		43069		
	inorganic material	silicondioxide	60676-86-0	99.691	26.16	31.91	261602	319026	
leadfinish	non noble metal	tin	7440-31-5	3.740	0.98	0.98	9814	9814	
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1335	1335	
solder	noble metal	silver	7440-22-4	0.035	0.01		93		
	non noble metal	tin	7440-31-5	0.028	0.01		74		
	non noble metal	lead	7439-92-1	1.349	0.35	0.37	3540	3707	
*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 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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