



Material Content Data Sheet



Sales Product Name		IPD60R2K0C6		Issued		4. July 2019		
MA#		MA005339790						
Package		PG-TO252-3-341		Weight*		387.33 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	1.272	0.33	0.33	3283	3283
leadframe	inorganic material	phosphorus	7723-14-0	0.069	0.02		178	
	non noble metal	iron	7439-89-6	0.229	0.06		592	
	non noble metal	copper	7440-50-8	228.946	59.10	59.18	591084	591854
	non noble metal	aluminium	7429-90-5	0.422	0.11	0.11	1089	1089
wire	non noble metal	aluminium	7429-90-5	0.422	0.11	0.11	1089	1089
encapsulation	organic material	carbon black	1333-86-4	0.394	0.10		1017	
	plastics	epoxy resin	-	11.950	3.09		30852	
	inorganic material	silicondioxide	60676-86-0	118.973	30.72	33.91	307159	339028
leadfinish	non noble metal	tin	7440-31-5	3.740	0.97	0.97	9656	9656
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1314	1314
solder	non noble metal	tin	7440-31-5	0.033	0.01		84	
	noble metal	silver	7440-22-4	0.041	0.01		105	
	non noble metal	lead	7439-92-1	1.553	0.40	0.42	4010	4199
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		15	
	non noble metal	iron	7439-89-6	0.019	0.00		50	
	non noble metal	copper	7440-50-8	19.177	4.95	4.95	49512	49577
*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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