



Material Content Data Sheet



Sales Product Name		IPD80R2K8CE		Issued		20. July 2018		
MA#		MA001120014						
Package		PG-TO252-3-341		Weight*		382.04 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	2.280	0.60	0.60	5967	5967
leadframe	non noble metal	iron	7439-89-6	0.248	0.06		650	
	inorganic material	phosphorus	7723-14-0	0.075	0.02		195	
	non noble metal	copper	7440-50-8	248.124	64.96	65.04	649473	650318
wire	non noble metal	aluminium	7429-90-5	4.188	1.10	1.10	10962	10962
encapsulation	inorganic material	antimonytrioxide	1309-64-4	1.688	0.44		4417	
	plastics	brominated resin	-	1.808	0.47		4733	
	organic material	carbon black	1333-86-4	1.929	0.50		5048	
	plastics	epoxy resin	-	16.273	4.26		42595	
	inorganic material	silicondioxide	60676-86-0	98.842	25.87	31.54	258724	315517
leadfinish	non noble metal	tin	7440-31-5	3.740	0.98	0.98	9790	9790
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1332	1332
solder	noble metal	silver	7440-22-4	0.058	0.02		153	
	non noble metal	tin	7440-31-5	0.047	0.01		122	
	non noble metal	lead	7439-92-1	2.231	0.58	0.61	5839	6114
*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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