



Material Content Data Sheet



Sales Product Name				IPD80P03P4L-07		Issued		25. September 2017	
MA#				MA000461728					
Package				PG-TO252-3-11		Weight*		370.58 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	2.218	0.60	0.60	5986	5986	
leadframe	non noble metal	iron	7439-89-6	0.215	0.06		581		
	inorganic material	phosphorus	7723-14-0	0.065	0.02		174		
	non noble metal	copper	7440-50-8	215.017	58.03	58.11	580222	580977	
wire	non noble metal	aluminium	7429-90-5	4.055	1.09	1.09	10941	10941	
encapsulation	organic material	carbon black	1333-86-4	1.239	0.33		3343		
	plastics	epoxy resin	-	21.677	5.85		58495		
	inorganic material	silicondioxide	60676-86-0	100.953	27.24	33.42	272420	334258	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.01	1.01	10092	10092	
plating	non noble metal	nickel	7440-02-0	0.091	0.02	0.02	245	246	
	inorganic material	phosphorus	7723-14-0	0.000	0.00		1		
solder	noble metal	silver	7440-22-4	0.053	0.01		142		
	non noble metal	tin	7440-31-5	0.042	0.01		114		
	non noble metal	lead	7439-92-1	2.011	0.54	0.56	5426	5682	
heatspreader	non noble metal	iron	7439-89-6	0.019	0.01		52		
	inorganic material	phosphorus	7723-14-0	0.006	0.00		16		
	non noble metal	copper	7440-50-8	19.177	5.18	5.19	51750	51818	
*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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