



## Material Content Data Sheet



<b>Sales Product Name</b>		IPD60R520C6		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001703062						
<b>Package</b>		PG-TO252-3-341		<b>Weight*</b>		388.77 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	3.425	0.88	0.88	8811	8811
leadframe	inorganic material	phosphorus	7723-14-0	0.075	0.02		192	
	non noble metal	iron	7439-89-6	0.248	0.06		639	
	non noble metal	copper	7440-50-8	248.124	63.83	63.91	638227	639058
	non noble metal	aluminium	7429-90-5	0.433	0.11	0.11	1113	1113
wire	non noble metal	aluminium	7429-90-5	0.433	0.11	0.11	1113	1113
encapsulation	organic material	carbon black	1333-86-4	0.388	0.10		997	
	plastics	epoxy resin	-	11.754	3.02		30235	
	inorganic material	silicondioxide	60676-86-0	117.027	30.10	33.22	301019	332251
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9620	9620
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1309	1309
solder	non noble metal	tin	7440-31-5	0.061	0.02		157	
	noble metal	silver	7440-22-4	0.076	0.02		196	
	non noble metal	lead	7439-92-1	2.910	0.75	0.79	7485	7838
*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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