



Material Content Data Sheet



Sales Product Name		IPD60R380P6		Issued		20. July 2018		
MA#		MA001579680						
Package		PG-TO252-3-341		Weight*		389.68 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	4.522	1.16	1.16	11605	11605
leadframe	non noble metal	iron	7439-89-6	0.248	0.06		638	
	inorganic material	phosphorus	7723-14-0	0.075	0.02		191	
	non noble metal	copper	7440-50-8	248.124	63.67	63.75	636738	637567
wire	non noble metal	aluminium	7429-90-5	4.138	1.06	1.06	10619	10619
encapsulation	organic material	carbon black	1333-86-4	0.374	0.10		959	
	plastics	epoxy resin	-	11.341	2.91		29104	
	inorganic material	silicondioxide	60676-86-0	112.913	28.98	31.99	289759	319822
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9598	9598
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1306	1306
solder	noble metal	silver	7440-22-4	0.092	0.02		237	
	non noble metal	tin	7440-31-5	0.074	0.02		190	
	non noble metal	lead	7439-92-1	3.529	0.91	0.95	9056	9483
*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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