



Material Content Data Sheet



Sales Product Name		IPP60R060C7		Issued		25. January 2018		
MA#		MA001394022						
Package		PG-TO220-3-123		Weight*		2035.62 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	10.303	0.51	0.51	5061	5061
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		401	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	copper	7440-50-8	815.335	40.04	40.09	400535	401056
wire	non noble metal	aluminium	7429-90-5	51.928	2.55	2.55	25510	25510
encapsulation	organic material	carbon black	1333-86-4	2.154	0.11		1058	
	plastics	epoxy resin	-	62.465	3.07		30686	
	inorganic material	silicondioxide	60676-86-0	473.873	23.28	26.46	232791	264535
leadfinish	non noble metal	tin	7440-31-5	21.731	1.07	1.07	10675	10675
plating	non noble metal	nickel	7440-02-0	1.786	0.09	0.09	877	877
solder	non noble metal	antimony	7440-36-0	0.475	0.02		233	
	noble metal	silver	7440-22-4	1.187	0.06		583	
	non noble metal	tin	7440-31-5	3.087	0.15	0.23	1517	2333
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	copper	7440-50-8	589.466	28.96	29.00	289576	289953
*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 does not use any exemption

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com