



Material Content Data Sheet



Sales Product Name		IPP60R520C6		Issued		1. August 2018		
MA#		MA001709466						
Package		PG-TO220-3-123		Weight*		2025.72 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	0.17	0.17	1691	1691
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		403	
	non noble metal	copper	7440-50-8	815.335	40.24	40.29	402493	403017
	non noble metal	aluminium	7429-90-5	0.692	0.03	0.03	341	341
wire	non noble metal	aluminium	7429-90-5	0.692	0.03	0.03	341	341
encapsulation	organic material	carbon black	1333-86-4	2.358	0.12		1164	
	plastics	epoxy resin	-	68.393	3.38		33762	
	inorganic material	silicondioxide	60676-86-0	518.842	25.61	29.11	256128	291054
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10595	10595
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	871	871
solder	non noble metal	antimony	7440-36-0	0.215	0.01		106	
	noble metal	silver	7440-22-4	0.537	0.03		265	
	non noble metal	tin	7440-31-5	1.397	0.07	0.11	690	1061
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		291	
	non noble metal	copper	7440-50-8	589.466	29.10	29.14	290992	291370
*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