



Material Content Data Sheet



Sales Product Name		IPP65R125C7		Issued		25. January 2018		
MA#		MA001709496						
Package		PG-TO220-3-123		Weight*		2027.24 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	6.035	0.30	0.30	2977	2977
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	40.20	40.25	402189	402713
	non noble metal	aluminium	7429-90-5	2.628	0.13	0.13	1296	1296
wire	non noble metal	aluminium	7429-90-5	2.628	0.13	0.13	1296	1296
encapsulation	organic material	carbon black	1333-86-4	2.342	0.12		1155	
	plastics	epoxy resin	-	67.919	3.35		33503	
	inorganic material	silicondioxide	60676-86-0	515.250	25.42	28.89	254164	288822
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10587	10587
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	870	870
solder	non noble metal	antimony	7440-36-0	0.321	0.02		158	
	noble metal	silver	7440-22-4	0.803	0.04		396	
	non noble metal	tin	7440-31-5	2.088	0.10	0.16	1030	1584
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	29.08	29.12	290773	291151
*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