



Material Content Data Sheet



Sales Product Name	IPP60R210CFD7			Issued		19. September 2019		
MA#	MA005401952							
Package	PG-TO220-3-123			Weight*		2026.75 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	3.709	0.18	0.18	1830	1830
leadframe	inorganic material	phosphorus	7723-14-0	0.422	0.02		208	
	non noble metal	iron	7439-89-6	1.407	0.07		694	
	non noble metal	copper	7440-50-8	1404.801	69.31	69.40	693131	694033
wire	non noble metal	aluminium	7429-90-5	3.251	0.16	0.16	1604	1604
encapsulation	organic material	carbon black	1333-86-4	2.351	0.12		1160	
	plastics	epoxy resin	-	68.167	3.36		33634	
	inorganic material	silicondioxide	60676-86-0	517.130	25.52	29.00	255153	289947
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10590	10590
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	870	870
solder	non noble metal	antimony	7440-36-0	0.228	0.01		113	
	noble metal	silver	7440-22-4	0.570	0.03		281	
	non noble metal	tin	7440-31-5	1.483	0.07	0.11	732	1126
*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