



Material Content Data Sheet



Sales Product Name				IPI65R110CFD		Issued		19. July 2018	
MA#				MA001038278					
Package				PG-TO262-3-1		Weight*		1573.82 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	15.501	0.98	0.98	9849	9849	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		541		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162		
	non noble metal	copper	7440-50-8	849.682	53.99	54.06	539884	540588	
wire	non noble metal	aluminium	7429-90-5	2.788	0.18	0.18	1772	1772	
encapsulation	organic material	carbon black	1333-86-4	5.765	0.37		3663		
	plastics	epoxy resin	-	109.533	6.96		69597		
	inorganic material	silicondioxide	60676-86-0	461.194	29.30	36.63	293040	366300	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9657	9657	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		145		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	145	
solder	non noble metal	antimony	7440-36-0	0.648	0.04		412		
	noble metal	silver	7440-22-4	1.619	0.10		1029		
	non noble metal	tin	7440-31-5	4.210	0.27	0.41	2675	4116	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		68		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.75	6.76	67485	67573	
*deviation	< 10%			Sum in total:		100.00		1000000	

Important Remarks:

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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

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