



Material Content Data Sheet



Sales Product Name		IPI65R190C6		Issued		25. September 2017		
MA#		MA001135340						
Package		PG-TO262-3-22		Weight*		1566.41 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	9.459	0.60	0.60	6039	6039
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		543	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	copper	7440-50-8	849.682	54.25	54.32	542440	543146
wire	non noble metal	aluminium	7429-90-5	2.468	0.16	0.16	1576	1576
encapsulation	organic material	carbon black	1333-86-4	2.304	0.15		1471	
	plastics	epoxy resin	-	66.803	4.26		42647	
	inorganic material	silicondioxide	60676-86-0	506.781	32.35	36.76	323531	367649
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9702	9702
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1054	1054
solder	noble metal	silver	7440-22-4	1.152	0.07		735	
	non noble metal	antimony	7440-36-0	0.461	0.03		294	
	non noble metal	tin	7440-31-5	2.994	0.19	0.29	1912	2941
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	6.78	6.79	67805	67893
*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

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