



Material Content Data Sheet



Sales Product Name		IPI65R190CFD		Issued		20. July 2018		
MA#		MA001805574						
Package		PG-TO262-3-22		Weight*		1566.24 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	9.459	0.60	0.60	6039	6039
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		543	
	non noble metal	copper	7440-50-8	849.682	54.26	54.33	542499	543205
	non noble metal	aluminium	7429-90-5	2.537	0.16	0.16	1620	1620
wire	non noble metal	aluminium	7429-90-5	2.537	0.16	0.16	1620	1620
encapsulation	organic material	carbon black	1333-86-4	2.303	0.15		1471	
	plastics	epoxy resin	-	66.796	4.26		42647	
	inorganic material	silicondioxide	60676-86-0	506.728	32.35	36.76	323532	367650
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9703	9703
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1054	1054
solder	non noble metal	antimony	7440-36-0	0.443	0.03		283	
	noble metal	silver	7440-22-4	1.108	0.07		707	
	non noble metal	tin	7440-31-5	2.880	0.18	0.28	1839	2829
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.78	6.79	67812	67900
*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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