



Material Content Data Sheet



Sales Product Name		IPI90R340C3		Issued		19. January 2018		
MA#		MA001639332						
Package		PG-TO262-3-22		Weight*		1567.91 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	13.276	0.85	0.85	8467	8467
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	54.18	54.25	541918	542624
	non noble metal	aluminium	7429-90-5	2.679	0.17	0.17	1709	1709
wire	non noble metal	aluminium	7429-90-5	2.679	0.17	0.17	1709	1709
encapsulation	organic material	carbon black	1333-86-4	2.289	0.15		1460	
	plastics	epoxy resin	-	66.385	4.23		42340	
	inorganic material	silicondioxide	60676-86-0	503.610	32.12	36.50	321198	364998
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9693	9693
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1053	1053
solder	non noble metal	antimony	7440-36-0	0.569	0.04		363	
	noble metal	silver	7440-22-4	1.422	0.09		907	
	non noble metal	tin	7440-31-5	3.697	0.24	0.37	2358	3628
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	6.77	6.78	67740	67828
*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