



Material Content Data Sheet



Sales Product Name		IPI90R500C3		Issued		19. July 2018		
MA#		MA000669518						
Package		PG-TO262-3-1		Weight*		1571.42 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	9.945	0.63	0.63	6329	6329
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	54.08	54.15	540710	541414
wire	non noble metal	aluminium	7429-90-5	2.674	0.17	0.17	1701	1701
encapsulation	organic material	carbon black	1333-86-4	5.816	0.37		3701	
	plastics	epoxy resin	-	110.510	7.03		70325	
	inorganic material	silicondioxide	60676-86-0	465.306	29.61	37.01	296106	370132
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9671	9671
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	0.461	0.03		293	
	noble metal	silver	7440-22-4	1.152	0.07		733	
	non noble metal	tin	7440-31-5	2.994	0.19	0.29	1905	2931
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	6.76	6.77	67589	67677
*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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