



Material Content Data Sheet



Sales Product Name		IPI50R399CP		Issued		25. September 2017		
MA#		MA001109882						
Package		PG-TO262-3-22		Weight*		1564.33 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	4.846	0.31	0.31	3098	3098
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		544	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	copper	7440-50-8	849.682	54.32	54.39	543160	543867
wire	non noble metal	aluminium	7429-90-5	2.610	0.17	0.17	1668	1668
encapsulation	organic material	carbon black	1333-86-4	2.320	0.15		1483	
	plastics	epoxy resin	-	67.272	4.30		43004	
	inorganic material	silicondioxide	60676-86-0	510.343	32.62	37.07	326236	370723
leadfinish	non noble metal	tin	7440-31-5	15.388	0.98	0.98	9837	9837
plating	non noble metal	nickel	7440-02-0	1.671	0.11	0.11	1068	1068
solder	non noble metal	antimony	7440-36-0	0.275	0.02		176	
	noble metal	silver	7440-22-4	0.687	0.04		439	
	non noble metal	tin	7440-31-5	1.785	0.11	0.17	1141	1756
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	6.79	6.80	67895	67983
*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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