



Material Content Data Sheet



Sales Product Name		IPI70R950CE		Issued		19. January 2018		
MA#		MA001635206						
Package		PG-TO262-3-22		Weight*		1562.72 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	2.509	0.16	0.16	1606	1606
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	54.38	54.45	543721	544428
wire	non noble metal	aluminium	7429-90-5	0.677	0.04	0.04	433	433
encapsulation	organic material	carbon black	1333-86-4	2.335	0.15		1494	
	plastics	epoxy resin	-	67.717	4.33		43333	
	inorganic material	silicondioxide	60676-86-0	513.716	32.87	37.35	328733	373560
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9725	9725
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1056	1056
solder	non noble metal	antimony	7440-36-0	0.178	0.01		114	
	noble metal	silver	7440-22-4	0.445	0.03		285	
	non noble metal	tin	7440-31-5	1.156	0.07	0.11	740	1139
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	6.80	6.81	67965	68053
*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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