



Material Content Data Sheet



Sales Product Name		IPI90R800C3		Issued		27. September 2017		
MA#		MA000669528						
Package		PG-TO262-3-1		Weight*		1569.79 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	6.653	0.42	0.42	4238	4238
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		542	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	copper	7440-50-8	849.682	54.14	54.21	541270	541975
wire	non noble metal	aluminium	7429-90-5	1.325	0.08	0.08	844	844
encapsulation	organic material	carbon black	1333-86-4	5.858	0.37		3732	
	plastics	epoxy resin	-	111.308	7.09		70906	
	inorganic material	silicondioxide	60676-86-0	468.665	29.86	37.32	298553	373191
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9681	9681
plating	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	146	147
	inorganic material	phosphorus	7723-14-0	0.001	0.00		1	
solder	non noble metal	antimony	7440-36-0	0.342	0.02		218	
	noble metal	silver	7440-22-4	0.855	0.05		544	
	non noble metal	tin	7440-31-5	2.222	0.14	0.21	1415	2177
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	6.77	6.78	67659	67747
*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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