



## Material Content Data Sheet



<b>Sales Product Name</b>		IPS80R900P7		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA002116632						
<b>Package</b>		PG-TO251-3-342		<b>Weight*</b>		318.03 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	2.033	0.64	0.64	6393	6393
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		139	
	non noble metal	iron	7439-89-6	0.147	0.05		463	
	non noble metal	copper	7440-50-8	147.096	46.25	46.31	462521	463123
	non noble metal	aluminium	7429-90-5	0.485	0.15	0.15	1526	1526
wire	non noble metal	aluminium	7429-90-5	0.485	0.15	0.15	1526	1526
encapsulation	organic material	carbon black	1333-86-4	1.417	0.45		4454	
	plastics	epoxy resin	-	24.789	7.79		77946	
	inorganic material	silicondioxide	60676-86-0	115.447	36.30	44.54	363004	445404
leadfinish	non noble metal	tin	7440-31-5	3.740	1.18	1.18	11760	11760
plating	inorganic material	phosphorus	7723-14-0	0.003	0.00		11	
	non noble metal	nickel	7440-02-0	1.421	0.45	0.45	4467	4478
solder	non noble metal	tin	7440-31-5	0.044	0.01		139	
	noble metal	silver	7440-22-4	0.055	0.02		173	
	non noble metal	lead	7439-92-1	2.107	0.66	0.69	6625	6937
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		18	
	non noble metal	iron	7439-89-6	0.019	0.01		60	
	non noble metal	copper	7440-50-8	19.177	6.03	6.04	60301	60379
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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