



## Material Content Data Sheet



<b>Sales Product Name</b>		MDP16R		<b>Issued</b>		20. July 2018			
<b>MA#</b>		MA001721088							
<b>Package</b>		PG-DSO-16-21		<b>Weight*</b>		174.65 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	1.537	0.88	0.88	8800	8800	
leadframe	inorganic material	phosphorus	7723-14-0	0.023	0.01		130		
	non noble metal	zinc	7440-66-6	0.091	0.05		519		
	non noble metal	iron	7439-89-6	1.813	1.04		10379		
wire	non noble metal	copper	7440-50-8	73.601	42.14	43.24	421429	432457	
	noble metal	palladium	7440-05-3	0.001	0.00		6		
	non noble metal	copper	7440-50-8	0.103	0.06	0.06	590	596	
encapsulation	organic material	carbon black	1333-86-4	0.284	0.16		1624		
	plastics	epoxy resin	-	9.169	5.25		52503		
	inorganic material	silicondioxide	60676-86-0	85.077	48.73	54.14	487144	541271	
leadfinish	non noble metal	tin	7440-31-5	1.562	0.89	0.89	8946	8946	
plating	noble metal	silver	7440-22-4	0.641	0.37	0.37	3670	3670	
glue	plastics	acrylic resin	-	0.164	0.09		937		
	noble metal	silver	7440-22-4	0.580	0.33	0.42	3323	4260	
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com