



Material Content Data Sheet



Sales Product Name		IPD65R250E6		Issued		20. July 2018			
MA#		MA000914032							
Package		PG-TO252-3-313		Weight*		316.72 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	noble metal	gold	7440-57-5	0.315	0.10		994		
	non noble metal	tin	7440-31-5	0.081	0.03		256		
	inorganic material	silicon	7440-21-3	2.332	0.74	0.87	7362	8612	
leadframe	non noble metal	iron	7439-89-6	0.147	0.05		465		
	inorganic material	phosphorus	7723-14-0	0.044	0.01		140		
	non noble metal	copper	7440-50-8	147.096	46.42	46.48	464443	465048	
wire	non noble metal	aluminium	7429-90-5	1.039	0.33	0.33	3281	3281	
	encapsulation	organic material	carbon black	1333-86-4	1.412	0.45		4460	
		plastics	epoxy resin	-	24.718	7.80		78046	
	inorganic material	silicondioxide	60676-86-0	115.117	36.35	44.60	363471	445977	
leadfinish	non noble metal	tin	7440-31-5	3.787	1.20	1.20	11956	11956	
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	4485	4496	
heatspreader	non noble metal	iron	7439-89-6	0.019	0.01		61		
	inorganic material	phosphorus	7723-14-0	0.006	0.00		18		
	non noble metal	copper	7440-50-8	19.177	6.06	6.07	60551	60630	
*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