



Material Content Data Sheet



Sales Product Name				IPD65R225C7		Issued		1. August 2018	
MA#				MA001168162					
Package				PG-TO252-3-313		Weight*		319.31 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	3.621	1.13	1.13	11339	11339	
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		138		
	non noble metal	iron	7439-89-6	0.147	0.05		461		
	non noble metal	copper	7440-50-8	147.096	46.06	46.12	460676	461275	
	non noble metal	aluminium	7429-90-5	1.888	0.59	0.59	5913	5913	
wire	non noble metal	aluminium	7429-90-5	1.888	0.59	0.59	5913	5913	
encapsulation	organic material	carbon black	1333-86-4	1.389	0.44		4350		
	plastics	epoxy resin	-	24.310	7.61		76133		
	inorganic material	silicondioxide	60676-86-0	113.214	35.46	43.51	354563	435046	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11713	11713	
plating	inorganic material	phosphorus	7723-14-0	0.003	0.00		11		
	non noble metal	nickel	7440-02-0	1.421	0.44	0.44	4449	4460	
solder	non noble metal	tin	7440-31-5	0.065	0.02		202		
	noble metal	silver	7440-22-4	0.081	0.03		253		
	non noble metal	lead	7439-92-1	3.085	0.97	1.02	9661	10116	
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	6.01	6.02	60060	60138	
*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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