



Material Content Data Sheet



Sales Product Name		IDK06G65C5		Issued		10. August 2018		
MA#		MA001669142						
Package		PG-TO263-2-1		Weight*		1497.34 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	0.383	0.03	0.03	255	255
leadframe	inorganic material	phosphorus	7723-14-0	0.225	0.02		150	
	non noble metal	iron	7439-89-6	0.751	0.05		502	
	non noble metal	copper	7440-50-8	749.949	50.08	50.15	500854	501506
	non noble metal	aluminium	7429-90-5	0.446	0.03	0.03	298	298
encapsulation	organic material	carbon black	1333-86-4	1.179	0.08		787	
	plastics	epoxy resin	-	54.227	3.62		36215	
	inorganic material	silicondioxide	60676-86-0	534.018	35.66	39.36	356644	393646
leadfinish	non noble metal	tin	7440-31-5	11.700	0.78	0.78	7814	7814
plating	inorganic material	phosphorus	7723-14-0	0.007	0.00		4	
	non noble metal	nickel	7440-02-0	2.778	0.19	0.19	1855	1859
heatspreader	inorganic material	phosphorus	7723-14-0	0.043	0.00		28	
	non noble metal	iron	7439-89-6	0.142	0.01		95	
	non noble metal	copper	7440-50-8	141.498	9.45	9.46	94499	94622
*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

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