



Material Content Data Sheet



Sales Product Name		IDM10G120C5		Issued		20. July 2018		
MA#		MA001349742						
Package		PG-TO252-2-1		Weight*		321.44 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	1.046	0.33	0.33	3254	3254
leadframe	non noble metal	iron	7439-89-6	0.152	0.05		472	
	inorganic material	phosphorus	7723-14-0	0.046	0.01		142	
	non noble metal	copper	7440-50-8	151.510	47.14	47.20	471345	471959
wire	non noble metal	aluminium	7429-90-5	0.845	0.26	0.26	2630	2630
encapsulation	organic material	carbon black	1333-86-4	1.427	0.44		4441	
	plastics	epoxy resin	-	24.979	7.77		77710	
	inorganic material	silicondioxide	60676-86-0	116.333	36.19	44.40	361908	444059
leadfinish	non noble metal	tin	7440-31-5	3.552	1.11	1.11	11051	11051
plating	non noble metal	nickel	7440-02-0	0.107	0.03		332	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.03	1	333
heatspreader	non noble metal	iron	7439-89-6	0.021	0.01		67	
	inorganic material	phosphorus	7723-14-0	0.006	0.00		20	
	non noble metal	copper	7440-50-8	21.417	6.66	6.67	66627	66714
*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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