



Material Content Data Sheet



Sales Product Name		IDM02G120C5		Issued		20. July 2018		
MA#		MA001199698						
Package		PG-TO252-2-1		Weight*		321.21 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	0.392	0.12	0.12	1221	1221
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	47.18	47.24	471693	472307
wire	non noble metal	aluminium	7429-90-5	0.108	0.03	0.03	336	336
encapsulation	organic material	carbon black	1333-86-4	1.439	0.45		4481	
	plastics	epoxy resin	-	25.189	7.84		78420	
	inorganic material	silicondioxide	60676-86-0	117.309	36.52	44.81	365215	448116
leadfinish	non noble metal	tin	7440-31-5	3.509	1.09	1.09	10923	10923
plating	non noble metal	nickel	7440-02-0	0.107	0.03		333	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.03	1	334
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	6.67	6.68	66676	66763
*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.
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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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