



## Material Content Data Sheet



<b>Sales Product Name</b>		IDM08G120C5		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001659100						
<b>Package</b>		PG-TO252-2-1		<b>Weight*</b>		329.83 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.017	0.01		52	
	noble metal	gold	7440-57-5	0.067	0.02		204	
	inorganic material	siliconcarbide	409-21-2	1.024	0.31	0.34	3105	3361
leadframe	inorganic material	phosphorus	7723-14-0	0.046	0.01		138	
	non noble metal	iron	7439-89-6	0.152	0.05		460	
	non noble metal	copper	7440-50-8	151.510	45.94	46.00	459365	459963
wire	non noble metal	aluminium	7429-90-5	0.422	0.13	0.13	1279	1279
encapsulation	organic material	carbon black	1333-86-4	0.303	0.09		919	
	plastics	epoxy resin	-	13.941	4.23		42266	
	inorganic material	silicondioxide	60676-86-0	137.284	41.62	45.94	416232	459417
leadfinish	non noble metal	tin	7440-31-5	3.509	1.06	1.06	10638	10638
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.107	0.03	0.03	324	325
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		19	
	non noble metal	iron	7439-89-6	0.021	0.01		65	
	non noble metal	copper	7440-50-8	21.417	6.49	6.50	64933	65017
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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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