



Material Content Data Sheet



Sales Product Name		IDD06E60		Issued		20. July 2018		
MA#		MA000404460						
Package		PG-TO252-3-311		Weight*		312.47 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	0.623	0.20	0.20	1993	1993
leadframe	non noble metal	iron	7439-89-6	0.143	0.05		459	
	inorganic material	phosphorus	7723-14-0	0.043	0.01		138	
	non noble metal	copper	7440-50-8	143.098	45.79	45.85	457963	458560
wire	non noble metal	aluminium	7429-90-5	0.510	0.16	0.16	1632	1632
encapsulation	inorganic material	antimonytrioxide	1309-64-4	2.019	0.65		6461	
	plastics	brominated resin	-	2.163	0.69		6923	
	organic material	carbon black	1333-86-4	2.307	0.74		7384	
	plastics	epoxy resin	-	19.469	6.23		62306	
	inorganic material	silicondioxide	60676-86-0	118.254	37.85	46.16	378452	461526
leadfinish	non noble metal	tin	7440-31-5	3.787	1.21	1.21	12119	12119
plating	non noble metal	nickel	7440-02-0	0.086	0.03		277	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.03	1	278
solder	noble metal	silver	7440-22-4	0.019	0.01		61	
	non noble metal	tin	7440-31-5	0.015	0.00		49	
	non noble metal	lead	7439-92-1	0.728	0.23	0.24	2329	2439
heatspreader	non noble metal	iron	7439-89-6	0.019	0.01		61	
	inorganic material	phosphorus	7723-14-0	0.006	0.00		18	
	non noble metal	copper	7440-50-8	19.177	6.14	6.15	61374	61453
*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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