



Material Content Data Sheet



Sales Product Name	PTMA180402M V1			Issued	19. January 2018			
MA#	MA001216306							
Package	PG-DSO-20-63			Weight*	1691.08 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	5.751	0.34	0.34	3401	3401
leadframe	inorganic material	phosphorus	7723-14-0	0.280	0.02		166	
	non noble metal	zinc	7440-66-6	1.122	0.07		663	
	non noble metal	iron	7439-89-6	22.435	1.33		13267	
wire	non noble metal	copper	7440-50-8	910.959	53.86	55.28	538684	552780
	noble metal	gold	7440-57-5	3.713	0.22	0.22	2195	2195
encapsulation	organic material	carbon black	1333-86-4	3.624	0.21		2143	
	plastics	epoxy resin	-	97.843	5.79		57858	
	inorganic material	silicondioxide	60676-86-0	623.298	36.86	42.86	368579	428580
leadfinish	non noble metal	tin	7440-31-5	12.378	0.73	0.73	7320	7320
plating	noble metal	silver	7440-22-4	5.080	0.30	0.30	3004	3004
solder	non noble metal	tin	7440-31-5	0.230	0.01		136	
	non noble metal	lead	7439-92-1	4.370	0.26	0.27	2584	2720
*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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