



## Material Content Data Sheet



<b>Sales Product Name</b>	PTMA080152M V1			<b>Issued</b>	24. January 2018			
<b>MA#</b>	MA000601426							
<b>Package</b>	PG-DSO-20-63			<b>Weight*</b>	1686.66 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	2.368	0.14	0.14	1404	1404
leadframe	inorganic material	phosphorus	7723-14-0	0.280	0.02		166	
	non noble metal	zinc	7440-66-6	1.122	0.07		665	
	non noble metal	iron	7439-89-6	22.435	1.33		13301	
wire	non noble metal	copper	7440-50-8	910.959	54.00	55.42	540097	554229
	noble metal	gold	7440-57-5	1.595	0.09	0.09	945	945
encapsulation	organic material	carbon black	1333-86-4	3.642	0.22		2159	
	plastics	epoxy resin	-	98.323	5.83		58295	
	inorganic material	silicondioxide	60676-86-0	626.355	37.14	43.19	371358	431812
leadfinish	non noble metal	tin	7440-31-5	12.378	0.73	0.73	7339	7339
plating	noble metal	silver	7440-22-4	5.080	0.30	0.30	3012	3012
solder	non noble metal	tin	7440-31-5	0.106	0.01		63	
	non noble metal	lead	7439-92-1	2.016	0.12	0.13	1196	1259
*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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