



Material Content Data Sheet



Sales Product Name		SPB80P06P G		Issued		26. September 2017		
MA#		MA000723228						
Package		PG-TO263-3-2		Weight*		1466.43 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	11.978	0.82	0.82	8168	8168
leadframe	non noble metal	iron	7439-89-6	0.853	0.06		582	
	inorganic material	phosphorus	7723-14-0	0.256	0.02		174	
	non noble metal	copper	7440-50-8	851.691	58.06	58.14	580791	581547
wire	non noble metal	aluminium	7429-90-5	3.745	0.26	0.26	2554	2554
encapsulation	organic material	carbon black	1333-86-4	8.732	0.60		5955	
	plastics	epoxy resin	-	96.056	6.55		65503	
	inorganic material	silicondioxide	60676-86-0	477.370	32.55	39.70	325532	396990
leadfinish	non noble metal	tin	7440-31-5	9.657	0.66	0.66	6585	6585
plating	non noble metal	nickel	7440-02-0	0.228	0.02		156	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.02	0	156
solder	non noble metal	tin	7440-31-5	0.117	0.01		80	
	noble metal	silver	7440-22-4	0.147	0.01		100	
	non noble metal	lead	7439-92-1	5.602	0.38	0.40	3820	4000
*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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