



Material Content Data Sheet



Sales Product Name		SPB08P06P G		Issued		24. January 2018		
MA#		MA001626154						
Package		PG-TO263-3-2		Weight*		1556.42 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	1.145	0.07	0.07	735	735
leadframe	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	iron	7439-89-6	0.304	0.02		196	
	non noble metal	copper	7440-50-8	304.026	19.53	19.56	195337	195592
	non noble metal	aluminium	7429-90-5	0.748	0.05	0.05	480	480
wire	organic material	carbon black	1333-86-4	10.358	0.67		6655	
encapsulation	plastics	epoxy resin	-	113.940	7.32		73206	
	inorganic material	silicondioxide	60676-86-0	566.246	36.38	44.37	363812	443673
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6204	6204
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1	
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	147	148
solder	non noble metal	tin	7440-31-5	0.026	0.00		17	
	noble metal	silver	7440-22-4	0.032	0.00		21	
heatspreader	non noble metal	lead	7439-92-1	1.240	0.08	0.08	797	835
	inorganic material	phosphorus	7723-14-0	0.165	0.01		106	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.19	35.24	351875	352333
*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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