Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ITS42008-SB-D	**Issued**	19. July 2018
MA#	MA001122786		
Package	PG-DSO-36-26	**Weight***	2046.15 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	16.733	0.82	0.82	8178	8178
leadframe	inorganic material	phosphorus	7723-14-0	0.383	0.02		187	
	non noble metal	zinc	7440-66-6	1.533	0.07		749	
	non noble metal	iron	7439-89-6	30.652	1.50		14980	
	non noble metal	copper	7440-50-8	1244.598	60.82	62.41	608263	624179
wire	noble metal	gold	7440-57-5	4.068	0.20	0.20	1988	1988
encapsulation	organic material	carbon black	1333-86-4	1.443	0.07		705	
	plastics	epoxy resin	-	66.358	3.24		32430	
	inorganic material	silicondioxide	60676-86-0	653.478	31.94	35.25	319370	352505
leadfinish	non noble metal	tin	7440-31-5	16.150	0.79	0.79	7893	7893
plating	noble metal	silver	7440-22-4	0.741	0.04	0.04	362	362
solder	noble metal	silver	7440-22-4	0.150	0.01		73	
	non noble metal	tin	7440-31-5	0.100	0.00		49	
	non noble metal	lead	7439-92-1	9.767	0.48	0.49	4773	4895
*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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