



Material Content Data Sheet



Halogen-Free

Sales Product Name	ITS42008-SB-D	Issued	21. July 2021
MA#	MA002193118		
Package	PG-DSO-36-26	Weight*	2104.86 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	0.80	0.80	7950	7950
leadframe	inorganic material	phosphorus	7723-14-0	0.388	0.02		184	
	non noble metal	zinc	7440-66-6	1.553	0.07		738	
	non noble metal	iron	7439-89-6	31.066	1.48		14759	
	non noble metal	copper	7440-50-8	1,261.410	59.92	61.49	599284	614965
wire	noble metal	gold	7440-57-5	4.143	0.20	0.20	1968	1968
encapsulation	organic material	carbon black	1333-86-4	1.528	0.07		726	
	plastics	epoxy resin	-	70.270	3.34		33385	
	inorganic material	silicondioxide	60676-86-0	692.010	32.88	36.29	328768	362879
leadfinish	non noble metal	tin	7440-31-5	15.044	0.71	0.71	7147	7147
plating	noble metal	silver	7440-22-4	0.644	0.03	0.03	306	306
solder	non noble metal	tin	7440-31-5	0.101			48	
	noble metal	silver	7440-22-4	0.151	0.01		72	
	non noble metal	lead	7439-92-1	9.819	0.47	0.48	4665	4785
*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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