



Material Content Data Sheet



Sales Product Name		ITS4100S-SJ-N		Issued		24. January 2018		
MA#		MA001478916						
Package		PG-DSO-8-24		Weight*		83.36 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	2.265	2.72	2.72	27178	27178
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		430	
	non noble metal	iron	7439-89-6	0.717	0.86		8604	
wire	non noble metal	copper	7440-50-8	29.121	34.94	35.85	349350	358492
	noble metal	gold	7440-57-5	0.440	0.53	0.53	5282	5282
	encapsulation	organic material	carbon black	1333-86-4	0.097	0.12		1165
plastics	plastics	epoxy resin	-	4.466	5.36		53572	
		inorganic material	silicondioxide	60676-86-0	43.977	52.74	58.22	527564
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9763	9763
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7801	7801
glue	plastics	epoxy resin	-	0.134	0.16		1607	
		noble metal	silver	7440-22-4	0.631	0.76	0.92	7576
*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 does not use any exemption

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