



Material Content Data Sheet



Halogen-Free

Sales Product Name	ISP742RI	Issued	07. April 2021
MA#	MA003723424		
Package	PG-DSO-8-24	Weight*	83.23 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	1.539	1.85	1.85	18487	18487
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		431	
	non noble metal	iron	7439-89-6	0.717	0.86		8617	
	non noble metal	copper	7440-50-8	29.121	34.99	35.90	349899	359055
wire	noble metal	gold	7440-57-5	0.472	0.57	0.57	5672	5672
encapsulation	organic material	carbon black	1333-86-4	0.099	0.12		1184	
	plastics	epoxy resin	-	4.532	5.45		54455	
	inorganic material	silicondioxide	60676-86-0	44.632	53.62	59.19	536263	591902
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9779	9779
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7813	7813
glue	plastics	epoxy resin	-	0.106	0.13		1276	
	noble metal	silver	7440-22-4	0.501	0.60	0.73	6016	7292
*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.
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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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