



Material Content Data Sheet



Halogen-Free

Sales Product Name	ITS4090Q-EP-D	Issued	21. July 2021
MA#	MA005593397		
Package	PG-TSDSO-14-41	Weight*	65.30 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	3.857	5.91	5.91	59072	59072
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		143	
	non noble metal	zinc	7440-66-6	0.037	0.06		570	
	non noble metal	iron	7439-89-6	0.745	1.14		11408	
	non noble metal	copper	7440-50-8	30.247	46.32	47.53	463212	475333
wire	non noble metal	copper	7440-50-8	0.359	0.55	0.55	5494	5494
encapsulation	organic material	carbon black	1333-86-4	0.079	0.12		1217	
	plastics	epoxy resin	-	3.099	4.75		47459	
	inorganic material	silicondioxide	60676-86-0	23.308	35.70	40.57	356955	405631
leadfinish	non noble metal	tin	7440-31-5	1.642	2.51	2.51	25141	25141
plating	noble metal	silver	7440-22-4	0.823	1.26	1.26	12597	12597
glue	plastics	epoxy resin	-	0.191	0.29		2928	
	noble metal	silver	7440-22-4	0.901	1.38	1.67	13804	16732
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com