



Material Content Data Sheet



Sales Product Name		ITS4090Q-EP-D		Issued		21. October 2018			
MA#		MA003438498							
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	59069	59069	
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		11407	
wire	non noble metal	non noble metal	copper	7440-50-8	30.247	46.32	47.53	463187	475307
		non noble metal	copper	7440-50-8	0.363	0.56	0.56	5561	5561
		encapsulation	organic material	carbon black	1333-86-4	0.079	0.12		1217
encapsulation	plastics	plastics	epoxy resin	-	3.099	4.75		47455	
		inorganic material	silicondioxide	60676-86-0	23.308	35.69	40.56	356923	405595
		leadfinish	non noble metal	tin	7440-31-5	1.642	2.51	2.51	25139
plating	noble metal	silver	7440-22-4	0.823	1.26	1.26	12597	12597	
glue	plastics	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:

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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 München
Internet	www.infineon.com