

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ISO1I813T	**Issued**	08. April 2021
MA#	MA005337498		
Package	PG-TSSOP-48-3	**Weight***	215.38 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	4.202	1.95	1.95	19510	19510
chip_2	inorganic material	silicon	7440-21-3	5.055	2.35	2.35	23471	23471
leadframe	inorganic material	phosphorus	7723-14-0	0.023	0.01		106	
	non noble metal	zinc	7440-66-6	0.092	0.04		426	
	non noble metal	iron	7439-89-6	1.835	0.85		8519	
	non noble metal	copper	7440-50-8	74.503	34.59	35.49	345916	354967
wires	noble metal	palladium	7440-05-3	0.001			6	
	noble metal	platinum	7440-06-4	0.004			17	
	noble metal	gold	7440-57-5	0.486	0.23	0.23	2256	2279
encapsulation	organic material	carbon black	1333-86-4	0.617	0.29		2863	
	plastics	epoxy resin	-	19.117	8.88		88758	
	inorganic material	silicondioxide	60676-86-0	103.600	48.08	57.25	481012	572633
leadfinish	non noble metal	tin	7440-31-5	2.382	1.11	1.11	11060	11060
plating	noble metal	silver	7440-22-4	0.399	0.19	0.19	1851	1851
glue	plastics	epoxy resin	-	0.766	0.36		3557	
	noble metal	silver	7440-22-4	2.298	1.07	1.43	10672	14229
*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