

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ISO1I813T	**Issued**	31. March 2021
MA#	MA001031792		
Package	PG-TSSOP-48-2	**Weight***	203.09 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	5.055	2.49	2.49	24891	24891
chip_2	inorganic material	silicon	7440-21-3	4.202	2.07	2.07	20690	20690
leadframe	inorganic material	phosphorus	7723-14-0	0.019	0.01		94	
	non noble metal	zinc	7440-66-6	0.076	0.04		375	
	non noble metal	iron	7439-89-6	1.524	0.75		7506	
	non noble metal	copper	7440-50-8	61.896	30.48	31.28	304769	312744
wire	noble metal	gold	7440-57-5	0.482	0.24	0.24	2373	2373
encapsulation	organic material	carbon black	1333-86-4	0.618	0.30		3041	
	plastics	epoxy resin	-	19.143	9.43		94257	
	inorganic material	silicondioxide	60676-86-0	103.742	51.07	60.80	510814	608112
leadfinish	non noble metal	tin	7440-31-5	2.496	1.23	1.23	12289	12289
plating	noble metal	silver	7440-22-4	0.774	0.38	0.38	3812	3812
glue	plastics	epoxy resin	-	0.766	0.38		3772	
	noble metal	silver	7440-22-4	2.298	1.13	1.51	11317	15089
*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