

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TCA355G	**Issued**	04. May 2021
MA#	MA001084722		
Package	PG-DSO-8-41	**Weight***	81.31 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	3.379	4.16	4.16	41557	41557
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		103	
	non noble metal	zinc	7440-66-6	0.034	0.04		414	
	non noble metal	iron	7439-89-6	0.673	0.83		8278	
	non noble metal	copper	7440-50-8	27.330	33.61	34.49	336121	344916
wire	noble metal	gold	7440-57-5	0.160	0.20	0.20	1965	1965
encapsulation	organic material	carbon black	1333-86-4	0.141	0.17		1740	
	plastics	epoxy resin	-	4.573	5.62		56245	
	inorganic material	silicondioxide	60676-86-0	42.433	52.19	57.98	521859	579844
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	10009	10009
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1102	1102
glue	plastics	acrylic resin	-	0.335	0.41		4121	
	noble metal	silver	7440-22-4	1.340	1.65	2.06	16486	20607
*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