

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TCA355G	**Issued**	23. June 2021
MA#	MA005543508		
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:

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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.

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