

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAE800G	**Issued**	18. August 2021
MA#	MA000742722		
Package	PG-DSO-8-41	**Weight***	81.33 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	3.604	4.43	4.43	44318	44318
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		8276	
	non noble metal	copper	7440-50-8	27.330	33.60	34.48	336041	344834
wire	noble metal	gold	7440-57-5	0.132	0.16	0.16	1628	1628
encapsulation	organic material	carbon black	1333-86-4	0.141	0.17		1731	
	plastics	epoxy resin	-	4.553	5.60		55980	
	inorganic material	silicondioxide	60676-86-0	42.243	51.95	57.72	519401	577112
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	10007	10007
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1101	1101
glue	plastics	acrylic resin	-	0.342	0.42		4200	
	noble metal	silver	7440-22-4	1.366	1.68	2.10	16800	21000
*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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