

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	6ED2230S12T	**Issued**	23. June 2021
MA#	MA005545013		
Package	PG-DSO-24-21	**Weight***	807.68 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	6.694	0.83	0.83	8288	8288
leadframe	inorganic material	phosphorus	7723-14-0	0.064	0.01		79	
	non noble metal	zinc	7440-66-6	0.255	0.03		316	
	non noble metal	iron	7439-89-6	5.108	0.63		6324	
	non noble metal	copper	7440-50-8	207.406	25.68	26.35	256793	263512
wire	noble metal	gold	7440-57-5	0.769	0.10	0.10	952	952
encapsulation	organic material	carbon black	1333-86-4	1.731	0.21		2144	
	plastics	epoxy resin	-	67.528	8.36		83608	
	inorganic material	silicondioxide	60676-86-0	507.903	62.88	71.45	628844	714596
leadfinish	noble metal	palladium	7440-05-3	0.001			1	
	noble metal	silver	7440-22-4	0.001			1	
	noble metal	gold	7440-57-5	0.002			2	
	non noble metal	nickel	7440-02-0	1.575	0.20	0.20	1950	1954
plating	noble metal	silver	7440-22-4	0.004			5	
	noble metal	palladium	7440-05-3	0.004			5	
	noble metal	gold	7440-57-5	0.007			8	
	non noble metal	nickel	7440-02-0	6.737	0.83	0.83	8341	8359
glue	plastics	epoxy resin	-	0.472	0.06		585	
	noble metal	silver	7440-22-4	1.417	0.18	0.24	1754	2339
*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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