



Material Content Data Sheet



Halogen-Free

Sales Product Name	6ED2230S12T	Issued	14. May 2021
MA#	MA002634582		
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	0.771	0.10	0.10	954	954
encapsulation	organic material	carbon black	1333-86-4	1.731	0.21		2144	
	plastics	epoxy resin	-	67.528	8.36		83607	
	inorganic material	silicondioxide	60676-86-0	507.903	62.88	71.45	628843	714594
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:

- 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.
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- 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.

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