

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1ED3124MU12F	**Issued**	17. May 2021
MA#	MA005420594		
Package	PG-DSO-8-72	**Weight***	82.52 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	2.014	2.44	2.44	24402	24402
chip_2	inorganic material	silicon	7440-21-3	0.906	1.10	1.10	10978	10978
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		101	
	non noble metal	zinc	7440-66-6	0.033	0.04		403	
	non noble metal	iron	7439-89-6	0.666	0.81		8068	
	non noble metal	copper	7440-50-8	27.033	32.76	33.62	327585	336157
wire	non noble metal	copper	7440-50-8	0.173	0.21	0.21	2097	2097
encapsulation	organic material	carbon black	1333-86-4	0.148	0.18		1793	
	plastics	epoxy resin	-	4.783	5.80		57959	
	inorganic material	silicondioxide	60676-86-0	44.376	53.76	59.74	537761	597513
leadfinish	non noble metal	tin	7440-31-5	0.876	1.06	1.06	10613	10613
plating	noble metal	silver	7440-22-4	0.046	0.06	0.06	554	554
glue	plastics	acrylic resin	-	0.321	0.39		3891	
	noble metal	silver	7440-22-4	1.138	1.38	1.77	13795	17686
*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.
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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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