

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2EDN8523F	**Issued**	12. July 2021
MA#	MA005546058		
Package	PG-DSO-8-60	**Weight***	77.83 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	0.643	0.83	0.83	8266	8266
leadframe	inorganic material	phosphorus	7723-14-0	0.007	0.01		95	
	non noble metal	zinc	7440-66-6	0.030	0.04		381	
	non noble metal	iron	7439-89-6	0.592	0.76		7610	
	non noble metal	copper	7440-50-8	24.047	30.90	31.71	308990	317076
wires	noble metal	palladium	7440-05-3	0.001			14	
	non noble metal	copper	7440-50-8	0.111	0.14	0.14	1427	1441
encapsulation	organic material	carbon black	1333-86-4	0.151	0.19		1938	
	plastics	epoxy resin	-	5.881	7.56		75566	
	inorganic material	silicondioxide	60676-86-0	44.232	56.84	64.59	568354	645858
leadfinish	noble metal	palladium	7440-05-3	0.014	0.02		174	
	noble metal	gold	7440-57-5	0.022	0.03		280	
	non noble metal	nickel	7440-02-0	0.477	0.61	0.66	6135	6589
plating	noble metal	palladium	7440-05-3	0.033	0.04		421	
	noble metal	gold	7440-57-5	0.053	0.07		677	
	non noble metal	nickel	7440-02-0	1.154	1.48	1.59	14824	15922
glue	plastics	epoxy resin	-	0.094	0.12		1212	
	noble metal	silver	7440-22-4	0.283	0.36	0.48	3636	4848
*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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