

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDN7550U	**Issued**	08. April 2022
MA#	MA005583792		
Package	PG-TSNP-6-13	**Weight***	1.80 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	0.262	14.52	14.52	145201	145201
bumps	noble metal	silver	7440-22-4	0.000			34	
	non noble metal	nickel	7440-02-0	0.001	0.03		347	
	non noble metal	tin	7440-31-5	0.003	0.17		1734	
	non noble metal	copper	7440-50-8	0.009	0.48	0.68	4819	6934
leadframe	non noble metal	zinc	7440-66-6	0.001	0.08		752	
	non noble metal	tin	7440-31-5	0.002	0.09		940	
	non noble metal	chromium	7440-47-3	0.002	0.11		1129	
	non noble metal	copper	7440-50-8	0.673	37.34	37.62	373412	376233
encapsulation	organic material	carbon black	1333-86-4	0.002	0.13		1333	
	plastics	epoxy resin	-	0.102	5.64		56424	
	inorganic material	silicondioxide	60676-86-0	0.697	38.68	44.45	386528	444285
leadfinish	non noble metal	tin	7440-31-5	0.049	2.73	2.73	27321	27321
ubm	non noble metal	tungsten	7440-33-7	0.000			3	
	non noble metal	titanium	7440-32-6	0.000			6	
	non noble metal	copper	7440-50-8	0.000			17	26
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. 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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