



Material Content Data Sheet



Halogen-Free

Sales Product Name	6EDL04N02PR	Issued	11. August 2021
MA#	MA004656880		
Package	PG-TSSOP-28-17	Weight*	108.29 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	3.034	2.80	2.80	28023	28023
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		97	
	non noble metal	zinc	7440-66-6	0.042	0.04		386	
	non noble metal	iron	7439-89-6	0.837	0.77		7727	
	non noble metal	copper	7440-50-8	33.975	31.37	32.19	313747	321957
wire	noble metal	gold	7440-57-5	0.318	0.29	0.29	2933	2933
encapsulation	organic material	carbon black	1333-86-4	0.195	0.18		1801	
	plastics	epoxy resin	-	7.607	7.02		70245	
	inorganic material	silicondioxide	60676-86-0	57.212	52.86	60.06	528337	600383
leadfinish	noble metal	palladium	7440-05-3	0.026	0.02		237	
	noble metal	gold	7440-57-5	0.041	0.04		381	
	non noble metal	nickel	7440-02-0	0.903	0.83	0.89	8340	8958
plating	noble metal	palladium	7440-05-3	0.077	0.07		713	
	noble metal	gold	7440-57-5	0.124	0.11		1147	
	non noble metal	nickel	7440-02-0	2.719	2.51	2.69	25107	26967
glue	plastics	epoxy resin	-	0.292	0.27		2695	
	noble metal	silver	7440-22-4	0.875	0.81	1.08	8084	10779
*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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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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