

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	6EDL04I06NT	**Issued**	03. April 2021
MA#	MA001461036		
Package	PG-DSO-28-48	**Weight***	812.99 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	0.37	0.37	3732	3732
leadframe	inorganic material	phosphorus	7723-14-0	0.069	0.01		85	
	non noble metal	zinc	7440-66-6	0.277	0.03		341	
	non noble metal	iron	7439-89-6	5.547	0.68		6823	
	non noble metal	copper	7440-50-8	225.231	27.70	28.42	277039	284288
wire	noble metal	gold	7440-57-5	0.995	0.12	0.12	1224	1224
encapsulation	organic material	carbon black	1333-86-4	1.703	0.21		2094	
	plastics	epoxy resin	-	66.398	8.17		81671	
	inorganic material	silicondioxide	60676-86-0	499.404	61.44	69.82	614279	698044
leadfinish	noble metal	palladium	7440-05-3	0.001			2	
	noble metal	silver	7440-22-4	0.001			1	
	noble metal	gold	7440-57-5	0.002			3	
	non noble metal	nickel	7440-02-0	2.122	0.26	0.26	2611	2617
plating	noble metal	silver	7440-22-4	0.004			5	
	noble metal	gold	7440-57-5	0.007			9	
	noble metal	palladium	7440-05-3	0.004			5	
	non noble metal	nickel	7440-02-0	7.024	0.86	0.86	8640	8659
glue	plastics	epoxy resin	-	0.292	0.04		359	
	noble metal	silver	7440-22-4	0.875	0.11	0.15	1077	1436
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com