

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	6EDL04I06PT	**Issued**	26. June 2021
MA#	MA005568974		
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	277040	284289
wire	noble metal	gold	7440-57-5	0.994	0.12	0.12	1223	1223
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	silver	7440-22-4	0.001			1	
	noble metal	palladium	7440-05-3	0.001			2	
	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	palladium	7440-05-3	0.004			5	
	noble metal	gold	7440-57-5	0.007			9	
	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:

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.

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