

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDI60I12AH	**Issued**	28. October 2019
MA#	MA005404521		
Package	PG-DSO-8-59	**Weight***	287.43 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.801	0.28	0.28	2788	2788
chip_2	inorganic material	silicon	7440-21-3	2.084	0.72	0.72	7249	7249
leadframe	inorganic material	phosphorus	7723-14-0	0.025	0.01		88	
	non noble metal	zinc	7440-66-6	0.101	0.04		351	
	non noble metal	iron	7439-89-6	2.018	0.70		7022	
	non noble metal	copper	7440-50-8	81.947	28.51	29.26	285107	292568
wire	noble metal	gold	7440-57-5	0.315	0.11	0.11	1097	1097
encapsulation	organic material	carbon black	1333-86-4	0.594	0.21		2066	
	plastics	epoxy resin	-	23.163	8.06		80589	
	inorganic material	silicondioxide	60676-86-0	174.220	60.61	68.88	606135	688790
leadfinish	noble metal	palladium	7440-05-3	0.000	0.00		1	
	noble metal	silver	7440-22-4	0.000	0.00		1	
	noble metal	gold	7440-57-5	0.000	0.00		2	
	non noble metal	nickel	7440-02-0	0.496	0.17	0.17	1727	1731
plating	noble metal	silver	7440-22-4	0.000	0.00		1	
	noble metal	gold	7440-57-5	0.000	0.00		1	
	noble metal	palladium	7440-05-3	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.052	0.02	0.02	182	185
glue	plastics	epoxy resin	-	0.402	0.14		1398	
	noble metal	silver	7440-22-4	1.206	0.42	0.56	4194	5592
*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 München
Internet	www.infineon.com