



Material Content Data Sheet



Halogen-Free

Sales Product Name	1EDI2001AS	Issued	05. February 2022
MA#	MA002944456		
Package	PG-DSO-36-63	Weight*	695.06 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	3.979	0.57	0.57	5725	5725
chip_2	inorganic material	silicon	7440-21-3	4.269	0.61	0.61	6142	6142
leadframe	inorganic material	phosphorus	7723-14-0	0.083	0.01		120	
	non noble metal	zinc	7440-66-6	0.334	0.05		481	
	non noble metal	iron	7439-89-6	6.680	0.96		9610	
	non noble metal	copper	7440-50-8	271.228	39.02	40.04	390222	400433
wire	noble metal	gold	7440-57-5	1.099	0.16	0.16	1582	1582
encapsulation	organic material	carbon black	1333-86-4	1.193	0.17		1716	
	plastics	epoxy resin	-	46.514	6.69		66920	
	inorganic material	silicondioxide	60676-86-0	349.846	50.35	57.21	503332	571968
leadfinish	noble metal	palladium	7440-05-3	0.001			2	
	noble metal	silver	7440-22-4	0.001			2	
	noble metal	gold	7440-57-5	0.002			3	
	non noble metal	nickel	7440-02-0	2.350	0.34	0.34	3381	3388
plating	noble metal	silver	7440-22-4	0.002			3	
	noble metal	palladium	7440-05-3	0.003			4	
	noble metal	gold	7440-57-5	0.004			6	
	non noble metal	nickel	7440-02-0	4.335	0.62	0.62	6237	6250
glue	plastics	epoxy resin	-	0.784	0.11		1128	
	noble metal	silver	7440-22-4	2.352	0.34	0.45	3384	4512
*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