

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDI40I12AH	**Issued**	11. December 2019
MA#	MA005407031		
Package	PG-DSO-8-59	**Weight***	287.39 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	1.925	0.67	0.67	6698	6698
chip_2	inorganic material	silicon	7440-21-3	0.801	0.28	0.28	2788	2788
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		7023	
	non noble metal	copper	7440-50-8	81.947	28.51	29.26	285144	292606
wire	noble metal	gold	7440-57-5	0.321	0.11	0.11	1118	1118
encapsulation	organic material	carbon black	1333-86-4	0.594	0.21		2068	
	plastics	epoxy resin	-	23.182	8.07		80664	
	inorganic material	silicondioxide	60676-86-0	174.359	60.66	68.94	606699	689431
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	-	0.391	0.14		1361	
	noble metal	silver	7440-22-4	1.173	0.41	0.55	4082	5443
*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 München
Internet	www.infineon.com