



Material Content Data Sheet



Sales Product Name				1EDI40I12AH		Issued		20. July 2018	
MA#				MA001397512					
Package				PG-DSO-8-59		Weight*		287.07 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	1.603	0.56	0.56	5583	5583	
leadframe	inorganic material	phosphorus	7723-14-0	0.025	0.01		88		
	non noble metal	zinc	7440-66-6	0.101	0.04		352		
	non noble metal	iron	7439-89-6	2.018	0.70		7030		
wire	non noble metal	copper	7440-50-8	81.947	28.55	29.30	285463	292933	
	noble metal	gold	7440-57-5	0.321	0.11	0.11	1119	1119	
	encapsulation	organic material	carbon black	1333-86-4	0.598	0.21		2083	
plastics	plastics	epoxy resin	-	23.316	8.12		81221		
	inorganic material	silicondioxide	60676-86-0	175.367	61.08	69.41	610890	694197	
	leadfinish	noble metal	palladium	7440-05-3	0.000	0.00		1	
plating	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	1729	1733	
	noble metal	palladium	7440-05-3	0.000	0.00		1		
glue	non noble metal	nickel	7440-02-0	0.052	0.02		183		
	noble metal	silver	7440-22-4	0.000	0.00		1		
	noble metal	gold	7440-57-5	0.000	0.00	0.02	1	183	
*deviation	plastics	epoxy resin	-	0.305	0.11		1063		
	noble metal	silver	7440-22-4	0.915	0.32	0.43	3189	4252	
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

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