



Material Content Data Sheet



Sales Product Name				1EDI30I12MH		Issued		19. July 2018	
MA#				MA001327950					
Package				PG-DSO-8-59		Weight*		287.42 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	2.869	1.00	1.00	9982	9982	
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		
wire	non noble metal	copper	7440-50-8	81.947	28.51	29.26	285117	292578	
	noble metal	gold	7440-57-5	0.310	0.11	0.11	1077	1077	
	encapsulation	organic material	carbon black	1333-86-4	0.594	0.21		2067	
plastics	plastics	epoxy resin	-	23.165	8.06		80599		
	inorganic material	silicondioxide	60676-86-0	174.235	60.61	68.88	606208	688877	
	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	1727	1731	
	noble metal	palladium	7440-05-3	0.000	0.00		1		
glue	non noble metal	nickel	7440-02-0	0.052	0.02		182		
	noble metal	silver	7440-22-4	0.000	0.00		1		
	noble metal	gold	7440-57-5	0.000	0.00	0.02	1	182	
*deviation	plastics	epoxy resin	-	0.400	0.14		1393		
	noble metal	silver	7440-22-4	1.201	0.42	0.56	4180	5573	
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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