



Material Content Data Sheet



Sales Product Name				1EDC20112MH		Issued		24. January 2018	
MA#				MA001648526					
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	inorganic material	silicon	7440-21-3	2.747	0.96	0.96	9560	9560	
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	
wire	non noble metal	copper	7440-50-8	81.947	28.51	29.26	285144	292606	
		noble metal	gold	7440-57-5	0.315	0.11	0.11	1095	1095
		organic material	carbon black	1333-86-4	0.594	0.21		2068	
encapsulation	plastics	epoxy resin	-	23.179	8.07		80656		
		inorganic material	silicondioxide	60676-86-0	174.341	60.65	68.93	606636	689363
		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	
plating	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	
		non noble metal	nickel	7440-02-0	0.052	0.02		182	
glue	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
		plastics	epoxy resin	-	0.393	0.14		1366	
*deviation	< 10%			1.178	0.41	0.55	4097	5463	
						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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