



Material Content Data Sheet



Sales Product Name		1EDI2010AS		Issued		25. January 2018			
MA#		MA001618480							
Package		PG-DSO-36-63		Weight*		695.10 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	8.433	1.21	1.21	12132	12132	
leadframe	inorganic material	phosphorus	7723-14-0	0.083	0.01		120		
		non noble metal	zinc	7440-66-6	0.334	0.05		480	
		non noble metal	iron	7439-89-6	6.680	0.96		9610	
wire	noble metal	non noble metal	copper	7440-50-8	271.228	39.02	40.04	390203	400413
		noble metal	gold	7440-57-5	1.092	0.16	0.16	1572	1572
		organic material	carbon black	1333-86-4	1.192	0.17		1715	
encapsulation	plastics	epoxy resin	-	46.493	6.69		66888		
		inorganic material	silicondioxide	60676-86-0	349.693	50.32	57.18	503086	571689
		leadfinish	noble metal	palladium	7440-05-3	0.001	0.00		2
noble metal	silver			7440-22-4	0.001	0.00		2	
noble metal	gold			7440-57-5	0.002	0.00		3	
plating	non noble metal	nickel	7440-02-0	2.350	0.34	0.34	3381	3388	
		noble metal	silver	7440-22-4	0.002	0.00		3	
		noble metal	gold	7440-57-5	0.004	0.00		6	
glue	noble metal	noble metal	palladium	7440-05-3	0.003	0.00		4	
		non noble metal	nickel	7440-02-0	4.335	0.62	0.62	6237	6250
		plastics	epoxy resin	-	0.792	0.11		1139	
*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

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