



Material Content Data Sheet



Sales Product Name		2ED21064S06J		Issued		22. July 2019		
MA#		MA003733428						
Package		PG-DSO-14-65		Weight*		142.96 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	1.437	1.00	1.00	10048	10048
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		112	
	non noble metal	zinc	7440-66-6	0.064	0.04		450	
	non noble metal	iron	7439-89-6	1.286	0.90		8997	
wires	non noble metal	copper	7440-50-8	52.226	36.53	37.48	365318	374877
	noble metal	gold	7440-57-5	0.000	0.00		1	
	noble metal	palladium	7440-05-3	0.001	0.00		8	
encapsulation	non noble metal	copper	7440-50-8	0.046	0.03	0.03	323	332
	organic material	carbon black	1333-86-4	0.255	0.18		1781	
	plastics	epoxy resin	-	9.932	6.95		69473	
leadfinish	inorganic material	silicondioxide	60676-86-0	74.702	52.27	59.40	522533	593787
	non noble metal	tin	7440-31-5	1.558	1.09	1.09	10901	10901
	noble metal	silver	7440-22-4	0.848	0.59	0.59	5931	5931
plating	noble metal	silver	7440-22-4	0.848	0.59	0.59	5931	5931
glue	plastics	maleimide resin	-	0.100	0.07		701	
	noble metal	silver	7440-22-4	0.489	0.34	0.41	3423	4124
*deviation	< 10%				Sum in total:		100.00	1000000

Important Remarks:

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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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