



Material Content Data Sheet



Sales Product Name		2EDN8523F		Issued		24. January 2018		
MA#		MA001420562						
Package		PG-DSO-8-60		Weight*		77.79 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	0.643	0.83	0.83	8270	8270
leadframe	inorganic material	phosphorus	7723-14-0	0.007	0.01		95	
	non noble metal	zinc	7440-66-6	0.030	0.04		381	
	non noble metal	iron	7439-89-6	0.592	0.76		7613	
wire	non noble metal	copper	7440-50-8	24.047	30.91	31.72	309117	317206
	noble metal	palladium	7440-05-3	0.001	0.00		14	
	non noble metal	copper	7440-50-8	0.111	0.14	0.14	1428	1442
encapsulation	organic material	carbon black	1333-86-4	0.151	0.19		1938	
	plastics	epoxy resin	-	5.881	7.56		75597	
	inorganic material	silicondioxide	60676-86-0	44.232	56.88	64.63	568590	646125
leadfinish	noble metal	gold	7440-57-5	0.010	0.01		129	
	noble metal	palladium	7440-05-3	0.010	0.01		129	
	non noble metal	nickel	7440-02-0	0.483	0.62	0.64	6207	6465
plating	noble metal	gold	7440-57-5	0.024	0.03		313	
	noble metal	palladium	7440-05-3	0.024	0.03		313	
	non noble metal	nickel	7440-02-0	1.168	1.50	1.56	15015	15641
glue	plastics	epoxy resin	-	0.094	0.12		1213	
	noble metal	silver	7440-22-4	0.283	0.36	0.48	3638	4851
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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