



Material Content Data Sheet



Sales Product Name		2EDN8523R		Issued		25. January 2018		
MA#		MA001426496						
Package		PG-TSSOP-8-1		Weight*		25.70 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	0.877	3.41	3.41	34137	34137
leadframe	non noble metal	magnesium	7439-95-4	0.016	0.06		627	
	inorganic material	silicon	7440-21-3	0.070	0.27		2718	
	non noble metal	nickel	7440-02-0	0.322	1.25		12544	
	non noble metal	copper	7440-50-8	10.337	40.23	41.81	402259	418148
	wire	noble metal	palladium	7440-05-3	0.001	0.00		43
encapsulation	non noble metal	copper	7440-50-8	0.109	0.42	0.42	4244	4287
	organic material	carbon black	1333-86-4	0.038	0.15		1483	
	plastics	epoxy resin	-	1.233	4.80		47965	
leadfinish	inorganic material	silicondioxide	60676-86-0	11.437	44.51	49.46	445039	494487
	noble metal	gold	7440-57-5	0.007	0.03		274	
	noble metal	palladium	7440-05-3	0.007	0.03		274	
	noble metal	silver	7440-22-4	0.007	0.03		274	
plating	non noble metal	nickel	7440-02-0	0.331	1.29	1.38	12885	13707
	noble metal	palladium	7440-05-3	0.006	0.02		238	
	noble metal	silver	7440-22-4	0.006	0.02		238	
	noble metal	gold	7440-57-5	0.006	0.02		238	
glue	non noble metal	nickel	7440-02-0	0.288	1.12	1.18	11196	11910
	plastics	acrylic resin	-	0.120	0.47		4665	
	noble metal	silver	7440-22-4	0.479	1.87	2.34	18659	23324
*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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