



Material Content Data Sheet



Sales Product Name				2EDN8523R		Issued		31. January 2019	
MA#				MA004783842					
Package				PG-TSSOP-8-1		Weight*		25.69 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	34147	34147	
leadframe	non noble metal	magnesium	7439-95-4	0.016	0.06		627		
	inorganic material	silicon	7440-21-3	0.070	0.27		2719		
wires	non noble metal	nickel	7440-02-0	0.322	1.25		12548		
	non noble metal	copper	7440-50-8	10.337	40.24	41.82	402372	418266	
	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	4245	4288	
	organic material	carbon black	1333-86-4	0.038	0.15		1484		
	plastics	epoxy resin	-	1.233	4.80		47979		
leadfinish	inorganic material	silicondioxide	60676-86-0	11.437	44.53	49.48	445163	494626	
	noble metal	silver	7440-22-4	0.000	0.00		7		
	noble metal	palladium	7440-05-3	0.000	0.00		8		
	noble metal	gold	7440-57-5	0.000	0.00		13		
plating	non noble metal	nickel	7440-02-0	0.348	1.35	1.35	13539	13567	
	noble metal	silver	7440-22-4	0.000	0.00		6		
	noble metal	palladium	7440-05-3	0.000	0.00		7		
	noble metal	gold	7440-57-5	0.000	0.00		12		
glue	non noble metal	nickel	7440-02-0	0.302	1.18	1.18	11751	11776	
	plastics	acrylic resin	-	0.120	0.47		4666		
*deviation	< 10%			0.479	1.87	2.34	18664	23330	
						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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