



## Material Content Data Sheet



<b>Sales Product Name</b>		1EDN8511B		<b>Issued</b>		4. October 2018		
<b>MA#</b>		MA001893948						
<b>Package</b>		PG-SOT23-6-2		<b>Weight*</b>		17.76 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	1.383	7.79	7.79	77874	77874
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		123	
	non noble metal	zinc	7440-66-6	0.009	0.05		492	
	non noble metal	iron	7439-89-6	0.175	0.98		9844	
wire	non noble metal	copper	7440-50-8	7.097	39.97	41.01	399708	410167
	noble metal	gold	7440-57-5	0.082	0.46	0.46	4626	4626
	organic material	carbon black	1333-86-4	0.016	0.09		910	
encapsulation	plastics	epoxy resin	-	1.236	6.96		69620	
	inorganic material	silicondioxide	60676-86-0	6.827	38.45	45.50	384502	455032
leadfinish	non noble metal	tin	7440-31-5	0.465	2.62	2.62	26179	26179
plating	noble metal	silver	7440-22-4	0.167	0.94	0.94	9410	9410
tape	plastics	epoxy resin	-	0.148	0.84		8356	
	inorganic material	silicondioxide	60676-86-0	0.148	0.84	1.68	8356	16712
*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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