



## Material Content Data Sheet



<b>Sales Product Name</b>				6ED2230S12T		<b>Issued</b>		1. August 2018	
<b>MA#</b>				MA002753902					
<b>Package</b>				PG-DSO-24-21		<b>Weight*</b>		807.30 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	6.694	0.83	0.83	8292	8292	
leadframe	inorganic material	phosphorus	7723-14-0	0.064	0.01		79		
	non noble metal	zinc	7440-66-6	0.255	0.03		316		
	non noble metal	iron	7439-89-6	5.108	0.63		6327		
wire	non noble metal	copper	7440-50-8	207.406	25.69	26.36	256915	263637	
	noble metal	gold	7440-57-5	0.342	0.04	0.04	424	424	
	encapsulation	organic material	carbon black	1333-86-4	1.732	0.21		2145	
encapsulation	plastics	epoxy resin	-	67.533	8.37		83654		
	inorganic material	silicondioxide	60676-86-0	507.942	62.92	71.50	629190	714989	
	leadfinish	noble metal	palladium	7440-05-3	0.001	0.00		1	
plating	noble metal	silver	7440-22-4	0.001	0.00		1		
	noble metal	gold	7440-57-5	0.002	0.00		2		
	non noble metal	nickel	7440-02-0	1.575	0.20	0.20	1951	1955	
	noble metal	silver	7440-22-4	0.004	0.00		5		
plating	noble metal	palladium	7440-05-3	0.004	0.00		5		
	noble metal	gold	7440-57-5	0.007	0.00		8		
	non noble metal	nickel	7440-02-0	6.737	0.83	0.83	8345	8363	
glue	plastics	epoxy resin	-	0.472	0.06		585		
	noble metal	silver	7440-22-4	1.417	0.18	0.24	1755	2340	
*deviation	< 10%		Sum in total:			100.00		1000000	

### Important Remarks:

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