



Material Content Data Sheet



Sales Product Name				6EDL04N06PT		Issued		25. September 2017	
MA#				MA001460596					
Package				PG-DSO-28-48		Weight*		812.99 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	3.034	0.37	0.37	3732	3732	
leadframe	inorganic material	phosphorus	7723-14-0	0.069	0.01		85		
		non noble metal	zinc	7440-66-6	0.277	0.03		341	
		non noble metal	iron	7439-89-6	5.547	0.68		6823	
wire	non noble metal	copper	7440-50-8	225.231	27.70	28.42	277039	284288	
		noble metal	gold	7440-57-5	0.995	0.12	0.12	1224	1224
		organic material	carbon black	1333-86-4	1.703	0.21		2094	
encapsulation	plastics	epoxy resin	-	66.398	8.17		81671		
		inorganic material	silicondioxide	60676-86-0	499.404	61.44	69.82	614279	698044
		leadfinish	noble metal	palladium	7440-05-3	0.001	0.00		2
noble metal	silver			7440-22-4	0.001	0.00		1	
noble metal	gold			7440-57-5	0.002	0.00		3	
plating	non noble metal	nickel	7440-02-0	2.122	0.26	0.26	2611	2617	
		noble metal	silver	7440-22-4	0.004	0.00		5	
		noble metal	gold	7440-57-5	0.007	0.00		9	
glue	noble metal	palladium	7440-05-3	0.004	0.00		5		
		non noble metal	nickel	7440-02-0	7.024	0.86	0.86	8640	8659
		plastics	epoxy resin	-	0.292	0.04		359	
*deviation	< 10%			0.875	0.11	0.15	1077	1436	
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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