

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLS835B2EL V	**Issued**	16. January 2020
MA#	MA002813176		
Package	PG-SSOP-14-5	**Weight***	82.70 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	1.221	1.48	1.48	14764	14764
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		417	
	non noble metal	iron	7439-89-6	0.689	0.83		8331	
	non noble metal	copper	7440-50-8	27.978	33.83	34.71	338291	347143
wire	non noble metal	copper	7440-50-8	0.044	0.05	0.05	537	537
encapsulation	organic material	carbon black	1333-86-4	0.101	0.12		1222	
	plastics	epoxy resin	-	4.649	5.62		56215	
	inorganic material	silicondioxide	60676-86-0	45.784	55.36	61.10	553595	611032
leadfinish	non noble metal	tin	7440-31-5	0.976	1.18	1.18	11803	11803
plating	noble metal	silver	7440-22-4	0.768	0.93	0.93	9282	9282
glue	plastics	epoxy resin	-	0.112	0.14		1360	
	noble metal	silver	7440-22-4	0.337	0.41	0.55	4079	5439
*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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