

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLS835D2EL VSE	**Issued**	16. May 2021
MA#	MA005406076		
Package	PG-SSOP-14-5	**Weight***	82.73 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	14760	14760
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		416	
	non noble metal	iron	7439-89-6	0.689	0.83		8329	
	non noble metal	copper	7440-50-8	27.978	33.82	34.70	338197	347046
wire	non noble metal	copper	7440-50-8	0.075	0.09	0.09	902	902
encapsulation	organic material	carbon black	1333-86-4	0.101	0.12		1222	
	plastics	epoxy resin	-	4.649	5.62		56192	
	inorganic material	silicondioxide	60676-86-0	45.778	55.33	61.07	553364	610778
leadfinish	non noble metal	tin	7440-31-5	0.976	1.18	1.18	11799	11799
plating	noble metal	silver	7440-22-4	0.768	0.93	0.93	9279	9279
glue	plastics	epoxy resin	-	0.112	0.14		1359	
	noble metal	silver	7440-22-4	0.337	0.41	0.55	4077	5436
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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