

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLS850C2TE V50	**Issued**	15. May 2021
MA#	MA004330462		
Package	PG-TO252-5-11	**Weight***	363.27 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	1.607	0.44	0.44	4422	4422
leadframe	inorganic material	phosphorus	7723-14-0	0.061	0.02		169	
	non noble metal	iron	7439-89-6	0.205	0.06		563	
	non noble metal	copper	7440-50-8	204.243	56.21	56.29	562235	562967
wire	non noble metal	aluminium	7429-90-5	0.281	0.08	0.08	775	775
encapsulation	organic material	carbon black	1333-86-4	0.300	0.08		826	
	plastics	epoxy resin	-	13.806	3.80		38006	
	inorganic material	silicondioxide	60676-86-0	135.962	37.43	41.31	374274	413106
leadfinish	non noble metal	tin	7440-31-5	5.072	1.40	1.40	13963	13963
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.076	0.02	0.02	210	211
solder	non noble metal	tin	7440-31-5	0.033	0.01		91	
	noble metal	silver	7440-22-4	0.041	0.01		114	
	non noble metal	lead	7439-92-1	1.581	0.44	0.46	4351	4556
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com