

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLS850B0TE V50	**Issued**	18. August 2021
MA#	MA002031350		
Package	PG-TO252-5-11	**Weight***	363.13 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	1.422	0.39	0.39	3915	3915
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	56.24	56.32	562453	563185
wire	non noble metal	aluminium	7429-90-5	0.234	0.06	0.06	643	643
encapsulation	organic material	carbon black	1333-86-4	0.301	0.08		828	
	plastics	epoxy resin	-	13.827	3.81		38077	
	inorganic material	silicondioxide	60676-86-0	136.163	37.50	41.39	374974	413879
leadfinish	non noble metal	tin	7440-31-5	5.072	1.40	1.40	13969	13969
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	0.030	0.01		84	
	noble metal	silver	7440-22-4	0.038	0.01		105	
	non noble metal	lead	7439-92-1	1.456	0.40	0.42	4009	4198
*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.

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