

Material Content Data Sheet

RoHS

Sales Product Name	TLS202B1MB V50	**Issued**	14. May 2021
MA#	MA002739358		
Package	PG-SCT595-5-2	**Weight***	14.00 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	0.458	3.27	3.27	32709	32709
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		87	
	non noble metal	titanium	7440-32-6	0.006	0.04		434	
	non noble metal	chromium	7440-47-3	0.018	0.13		1301	
	non noble metal	copper	7440-50-8	6.045	43.18	43.36	431741	433563
wire	noble metal	gold	7440-57-5	0.025	0.18	0.18	1815	1815
encapsulation	organic material	carbon black	1333-86-4	0.053	0.38		3813	
	plastics	brominated resin	-	0.067	0.48		4767	
	inorganic material	antimonytrioxide	1309-64-4	0.133	0.95		9534	
	plastics	epoxy resin	-	1.215	8.68		86756	
	inorganic material	silicondioxide	60676-86-0	5.206	37.18	47.67	371813	476683
leadfinish	non noble metal	tin	7440-31-5	0.335	2.40	2.40	23956	23956
plating	noble metal	silver	7440-22-4	0.147	1.05	1.05	10508	10508
glue	plastics	epoxy resin	-	0.051	0.36		3634	
	noble metal	silver	7440-22-4	0.240	1.71	2.07	17132	20766
*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 does not use any exemption.

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