



## Material Content Data Sheet



<b>Sales Product Name</b>		TLS202B1MB V50		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001680262						
<b>Package</b>		PG-SCT595-5-1		<b>Weight*</b>		13.98 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	3.28	3.28	32767	32767
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		87	
	non noble metal	titanium	7440-32-6	0.006	0.04		432	
	non noble metal	chromium	7440-47-3	0.018	0.13		1297	
	non noble metal	copper	7440-50-8	6.019	43.06	43.24	430633	432449
wire	noble metal	gold	7440-57-5	0.026	0.19	0.19	1863	1863
encapsulation	organic material	carbon black	1333-86-4	0.053	0.38		3824	
	plastics	brominated resin	-	0.067	0.48		4780	
	inorganic material	antimonytrioxide	1309-64-4	0.134	0.96		9560	
	plastics	epoxy resin	-	1.216	8.70		86995	
	inorganic material	silicondioxide	60676-86-0	5.211	37.28	47.80	372837	477996
leadfinish	non noble metal	tin	7440-31-5	0.335	2.40	2.40	23999	23999
plating	noble metal	silver	7440-22-4	0.142	1.01	1.01	10124	10124
glue	plastics	epoxy resin	-	0.051	0.36		3640	
	noble metal	silver	7440-22-4	0.240	1.72	2.08	17162	20802
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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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

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