

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE5012BD E1200	**Issued**	19. August 2021
MA#	MA005341100		
Package	PG-TDSO-16-2	**Weight***	68.88 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.395	2.03	2.03	20254	20254
chip_2	inorganic material	silicon	7440-21-3	1.395	2.03	2.03	20254	20254
leadframe	inorganic material	silicon	7440-21-3	0.007	0.01		94	
	non noble metal	titanium	7440-32-6	0.033	0.05		472	
	non noble metal	chromium	7440-47-3	0.098	0.14		1416	
	non noble metal	copper	7440-50-8	32.380	46.98	47.18	470070	472052
wire	noble metal	gold	7440-57-5	0.274	0.40	0.40	3973	3973
encapsulation	organic material	carbon black	1333-86-4	0.060	0.09		872	
	plastics	epoxy resin	-	3.245	4.71		47102	
	inorganic material	silicondioxide	60676-86-0	26.738	38.82	43.62	388155	436129
leadfinish	non noble metal	tin	7440-31-5	1.198	1.74	1.74	17386	17386
plating	noble metal	silver	7440-22-4	1.680	2.44	2.44	24395	24395
glue	plastics	epoxy resin	-	0.096	0.14		1389	
	plastics	acrylic resin	-	0.096	0.14		1389	
	inorganic material	silicondioxide	60676-86-0	0.191	0.28	0.56	2779	5557
*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.

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