



Material Content Data Sheet



Sales Product Name	TLE5012BD E9200			Issued	24. January 2018				
MA#	MA001215390								
Package	PG-TDSO-16-2			Weight*	68.22 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	2.822	4.14	4.14	41372	41372	
leadframe	inorganic material	silicon	7440-21-3	0.007	0.01		95		
		non noble metal	titanium	7440-32-6	0.033	0.05		477	
		non noble metal	chromium	7440-47-3	0.098	0.14		1430	
		non noble metal	copper	7440-50-8	32.380	47.45	47.65	474683	476685
wire	noble metal	gold	7440-57-5	0.274	0.40	0.40	4011	4011	
encapsulation	organic material	carbon black	1333-86-4	0.060	0.09		881		
		plastics	epoxy resin	-	3.244	4.76		47561	
		inorganic material	silicondioxide	60676-86-0	26.736	39.19	44.04	391937	440379
leadfinish	non noble metal	tin	7440-31-5	1.198	1.76	1.76	17556	17556	
plating	non noble metal	tin	7440-31-5	0.960	1.41	1.41	14077	14077	
glue	plastics	acrylic resin	-	0.101	0.15		1480		
		plastics	epoxy resin	-	0.101	0.15		1480	
		inorganic material	silicondioxide	60676-86-0	0.202	0.30	0.60	2960	5920
*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.
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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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