



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE6232GP	Issued	24. June 2021
MA#	MA003160346		
Package	PG-DSO-36-48	Weight*	2105.83 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	17.568	0.83	0.83	8343	8343
leadframe	inorganic material	phosphorus	7723-14-0	0.388	0.02		184	
	non noble metal	zinc	7440-66-6	1.553	0.07		738	
	non noble metal	iron	7439-89-6	31.066	1.48		14752	
	non noble metal	copper	7440-50-8	1,261.410	59.90	61.47	599008	614682
wire	non noble metal	copper	7440-50-8	2.722	0.13	0.13	1292	1292
encapsulation	organic material	carbon black	1333-86-4	1.525	0.07		724	
	plastics	epoxy resin	-	70.136	3.33		33306	
	inorganic material	silicondioxide	60676-86-0	690.687	32.80	36.20	327987	362017
leadfinish	non noble metal	tin	7440-31-5	15.044	0.71	0.71	7144	7144
plating	noble metal	silver	7440-22-4	0.644	0.03	0.03	306	306
solder	non noble metal	tin	7440-31-5	0.131	0.01		62	
	noble metal	silver	7440-22-4	0.196	0.01		93	
	non noble metal	lead	7439-92-1	12.763	0.61	0.63	6061	6216
*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.

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