



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE6368G2	Issued	08. February 2022
MA#	MA001839746		
Package	PG-DSO-36-48	Weight*	2047.81 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	18.016	0.88	0.88	8798	8798
leadframe	inorganic material	phosphorus	7723-14-0	0.383	0.02		187	
	non noble metal	zinc	7440-66-6	1.533	0.07		748	
	non noble metal	iron	7439-89-6	30.652	1.50		14968	
	non noble metal	copper	7440-50-8	1,244.598	60.78	62.37	607771	623674
wire	non noble metal	copper	7440-50-8	3.157	0.15	0.15	1542	1542
encapsulation	organic material	carbon black	1333-86-4	1.439	0.07		702	
	plastics	epoxy resin	-	66.174	3.23		32314	
	inorganic material	silicondioxide	60676-86-0	651.668	31.82	35.12	318227	351243
leadfinish	non noble metal	tin	7440-31-5	16.150	0.79	0.79	7887	7887
plating	noble metal	silver	7440-22-4	0.741	0.04	0.04	362	362
solder	non noble metal	tin	7440-31-5	0.133	0.01		65	
	noble metal	silver	7440-22-4	0.199	0.01		97	
	non noble metal	lead	7439-92-1	12.967	0.63	0.65	6332	6494
*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.

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