

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE8458G V33	**Issued**	14. May 2021
MA#	MA003502990		
Package	PG-DSO-8-16	**Weight***	83.62 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	3.909	4.67	4.67	46743	46743
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.036	0.04		429	
	non noble metal	iron	7439-89-6	0.717	0.86		8577	
	non noble metal	copper	7440-50-8	29.121	34.83	35.74	348271	357384
wire	noble metal	gold	7440-57-5	0.134	0.16	0.16	1597	1597
encapsulation	organic material	carbon black	1333-86-4	0.093	0.11		1114	
	plastics	epoxy resin	-	4.285	5.12		51247	
	inorganic material	silicondioxide	60676-86-0	42.199	50.48	55.71	504674	557035
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9733	9733
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7777	7777
glue	plastics	acrylic resin	-	0.363	0.43		4341	
	noble metal	silver	7440-22-4	1.287	1.54	1.97	15390	19731
*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.
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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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