

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE8718SA	**Issued**	02. June 2021
MA#	MA002313888		
Package	PG-DSO-36-54	**Weight***	2109.85 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	16.828	0.80	0.80	7976	7976
leadframe	inorganic material	phosphorus	7723-14-0	0.388	0.02		184	
	non noble metal	zinc	7440-66-6	1.553	0.07		736	
	non noble metal	iron	7439-89-6	31.066	1.47		14724	
	non noble metal	copper	7440-50-8	1,261.410	59.79	61.35	597868	613512
wire	non noble metal	copper	7440-50-8	8.583	0.41	0.41	4068	4068
encapsulation	organic material	carbon black	1333-86-4	1.523	0.07		722	
	plastics	epoxy resin	-	70.081	3.32		33216	
	inorganic material	silicondioxide	60676-86-0	690.142	32.71	36.10	327105	361043
leadfinish	non noble metal	tin	7440-31-5	15.044	0.71	0.71	7130	7130
plating	noble metal	silver	7440-22-4	0.644	0.03	0.03	305	305
solder	non noble metal	tin	7440-31-5	0.126	0.01		60	
	noble metal	silver	7440-22-4	0.189	0.01		89	
	non noble metal	lead	7439-92-1	12.273	0.58	0.60	5817	5966
*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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