

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE6288R	**Issued**	28. October 2019
MA#	MA001597162		
Package	PG-DSO-36-54	**Weight***	2113.77 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	34.977	1.65	1.65	16547	16547
leadframe	inorganic material	phosphorus	7723-14-0	0.388	0.02		184	
	non noble metal	zinc	7440-66-6	1.553	0.07		735	
	non noble metal	iron	7439-89-6	31.066	1.47		14697	
	non noble metal	copper	7440-50-8	1261.410	59.69	61.25	596759	612375
wire	non noble metal	copper	7440-50-8	2.833	0.13	0.13	1340	1340
encapsulation	organic material	carbon black	1333-86-4	1.492	0.07		706	
	plastics	epoxy resin	-	68.617	3.25		32462	
	inorganic material	silicondioxide	60676-86-0	675.723	31.97	35.29	319677	352845
leadfinish	non noble metal	tin	7440-31-5	15.044	0.71	0.71	7117	7117
plating	noble metal	silver	7440-22-4	0.644	0.03	0.03	305	305
solder	non noble metal	tin	7440-31-5	0.200	0.01		95	
	noble metal	silver	7440-22-4	0.300	0.01		142	
	non noble metal	lead	7439-92-1	19.519	0.92	0.94	9234	9471
*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 München
Internet	www.infineon.com