



Material Content Data Sheet



Sales Product Name	TLE6288R			Issued	27. September 2017			
MA#	MA001597162							
Package	PG-DSO-36-54			Weight*	2113.66 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	16548	16548
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		14698	
wire	non noble metal	copper	7440-50-8	1261.410	59.69	61.25	596789	612406
	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		32463	
	inorganic material	silicondioxide	60676-86-0	675.723	31.97	35.29	319694	352863
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	noble metal	silver	7440-22-4	0.299	0.01		141	
	non noble metal	tin	7440-31-5	0.199	0.01		94	
	non noble metal	lead	7439-92-1	19.416	0.92	0.94	9186	9421
*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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