



Material Content Data Sheet



Sales Product Name	TLE6209R			Issued	25. September 2017			
MA#	MA001209634							
Package	PG-DSO-20-65			Weight*	2033.35 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	21.764	1.07	1.07	10703	10703
leadframe	inorganic material	phosphorus	7723-14-0	0.359	0.02		176	
	non noble metal	zinc	7440-66-6	1.435	0.07		706	
	non noble metal	iron	7439-89-6	28.697	1.41		14113	
wire	non noble metal	copper	7440-50-8	1165.200	57.30	58.80	573044	588039
	non noble metal	copper	7440-50-8	1.648	0.08	0.08	811	811
	encapsulation	organic material	carbon black	1333-86-4	1.578	0.08		776
	plastics	epoxy resin	-	72.574	3.57		35692	
		inorganic material	silicondioxide	60676-86-0	714.698	35.15	38.80	351488
leadfinish	non noble metal	tin	7440-31-5	10.336	0.51	0.51	5083	5083
plating	noble metal	silver	7440-22-4	0.686	0.03	0.03	337	337
solder	noble metal	silver	7440-22-4	0.216	0.01		106	
	non noble metal	tin	7440-31-5	0.144	0.01		71	
	non noble metal	lead	7439-92-1	14.018	0.69	0.71	6894	7071
*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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