



Material Content Data Sheet



Sales Product Name		TLE7278-2G V26		Issued		27. September 2017		
MA#		MA000970212						
Package		PG-DSO-14-30		Weight*		143.01 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	2.362	1.65	1.65	16516	16516
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		105	
	non noble metal	zinc	7440-66-6	0.060	0.04		422	
	non noble metal	iron	7439-89-6	1.207	0.84		8440	
wire	non noble metal	copper	7440-50-8	49.007	34.27	35.16	342689	351656
	noble metal	gold	7440-57-5	0.210	0.15	0.15	1466	1466
	encapsulation	organic material	carbon black	1333-86-4	0.173	0.12		1212
plastics		epoxy resin	-	7.970	5.57		55732	
	inorganic material	silicondioxide	60676-86-0	78.488	54.89	60.58	548839	605783
leadfinish	non noble metal	tin	7440-31-5	1.226	0.86	0.86	8574	8574
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7201	7201
glue	plastics	acrylic resin	-	0.277	0.19		1937	
	noble metal	silver	7440-22-4	0.982	0.69	0.88	6867	8804
*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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