



Material Content Data Sheet



Sales Product Name		TLE7230R		Issued		2. August 2018			
MA#		MA000975676							
Package		PG-DSO-36-47		Weight*		2115.35 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	6.680	0.32	0.32	3158	3158	
leadframe	non noble metal	iron	7439-89-6	1.311	0.06		620		
	inorganic material	phosphorus	7723-14-0	0.393	0.02		186		
	non noble metal	copper	7440-50-8	1308.931	61.88	61.96	618777	619583	
wire	noble metal	gold	7440-57-5	1.700	0.08	0.08	804	804	
encapsulation	organic material	carbon black	1333-86-4	1.547	0.07		731		
	plastics	epoxy resin	-	71.149	3.36		33635		
	inorganic material	silicondioxide	60676-86-0	700.666	33.12	36.55	331229	365595	
leadfinish	non noble metal	tin	7440-31-5	15.044	0.71	0.71	7112	7112	
plating	noble metal	silver	7440-22-4	0.644	0.03	0.03	304	304	
solder	noble metal	silver	7440-22-4	0.109	0.01		52		
	non noble metal	tin	7440-31-5	0.073	0.00		34		
	non noble metal	lead	7439-92-1	7.104	0.34	0.35	3358	3444	
*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