



Material Content Data Sheet



Sales Product Name		TLE6389-3G V50		Issued		26. August 2018		
MA#		MA001680274						
Package		PG-DSO-14-1		Weight*		143.99 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	6.620	4.60	4.60	45977	45977
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		105	
	non noble metal	zinc	7440-66-6	0.060	0.04		419	
	non noble metal	iron	7439-89-6	1.207	0.84		8382	
wire	non noble metal	copper	7440-50-8	49.007	34.03	34.92	340344	349250
	noble metal	gold	7440-57-5	0.275	0.19	0.19	1909	1909
	encapsulation	organic material	carbon black	1333-86-4	0.165	0.11		1143
encapsulation	plastics	epoxy resin	-	7.572	5.26		52583	
	inorganic material	silicondioxide	60676-86-0	74.563	51.79	57.16	517830	571556
leadfinish	non noble metal	tin	7440-31-5	1.226	0.85	0.85	8515	8515
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7152	7152
glue	plastics	acrylic resin	-	0.495	0.34		3441	
	noble metal	silver	7440-22-4	1.757	1.22	1.56	12200	15641
*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 does not use any exemption

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com