



Material Content Data Sheet



Sales Product Name		TLE6389-2G V50		Issued		22. January 2018		
MA#		MA001676640						
Package		PG-DSO-14-62		Weight*		143.63 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	4.61	4.61	46093	46093
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		108	
	non noble metal	zinc	7440-66-6	0.062	0.04		433	
	non noble metal	iron	7439-89-6	1.243	0.87		8656	
wire	non noble metal	copper	7440-50-8	50.479	35.15	36.07	351455	360652
	noble metal	palladium	7440-05-3	0.002	0.00		11	
	non noble metal	copper	7440-50-8	0.157	0.11	0.11	1090	1101
encapsulation	organic material	carbon black	1333-86-4	0.240	0.17		1670	
	plastics	epoxy resin	-	9.356	6.51		65139	
	inorganic material	silicondioxide	60676-86-0	70.369	48.98	55.66	489933	556742
plating	noble metal	gold	7440-57-5	0.109	0.08		761	
	noble metal	palladium	7440-05-3	0.068	0.05		473	
	non noble metal	nickel	7440-02-0	2.392	1.67	1.80	16653	17887
glue	plastics	epoxy resin	-	0.629	0.44		4381	
	noble metal	silver	7440-22-4	1.888	1.31	1.75	13144	17525
*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