



Material Content Data Sheet



Sales Product Name	TLE4473G V53			Issued	23. January 2018			
MA#	MA001078718							
Package	PG-DSO-12-11			Weight*	405.18 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	8.080	1.99	1.99	19942	19942
leadframe	non noble metal	iron	7439-89-6	0.230	0.06		569	
	inorganic material	phosphorus	7723-14-0	0.069	0.02		171	
	non noble metal	copper	7440-50-8	230.106	56.78	56.86	567905	568645
wire	non noble metal	aluminium	7429-90-5	0.137	0.03	0.03	337	337
encapsulation	organic material	carbon black	1333-86-4	0.307	0.08		758	
	plastics	epoxy resin	-	14.130	3.49		34872	
	inorganic material	silicondioxide	60676-86-0	139.145	34.34	37.91	343412	379042
leadfinish	non noble metal	tin	7440-31-5	4.235	1.05	1.05	10453	10453
plating	inorganic material	phosphorus	7723-14-0	0.002	0.00		4	
	non noble metal	nickel	7440-02-0	0.630	0.16	0.16	1555	1559
solder	noble metal	silver	7440-22-4	0.203	0.05		501	
	non noble metal	tin	7440-31-5	0.162	0.04		400	
	non noble metal	lead	7439-92-1	7.747	1.91	2.00	19121	20022
*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