



Material Content Data Sheet



Sales Product Name		TLE42744D V33		Issued		25. September 2017		
MA#		MA000769134						
Package		PG-TO252-3-11		Weight*		379.69 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	3.179	0.84	0.84	8373	8373
leadframe	non noble metal	iron	7439-89-6	0.234	0.06		618	
	inorganic material	phosphorus	7723-14-0	0.070	0.02		185	
	non noble metal	copper	7440-50-8	234.187	61.68	61.76	616789	617592
wire	non noble metal	aluminium	7429-90-5	0.153	0.04	0.04	404	404
encapsulation	organic material	carbon black	1333-86-4	0.267	0.07		702	
	plastics	epoxy resin	-	12.260	3.23		32291	
	inorganic material	silicondioxide	60676-86-0	120.739	31.80	35.10	317995	350988
leadfinish	non noble metal	tin	7440-31-5	3.740	0.98	0.98	9850	9850
plating	non noble metal	nickel	7440-02-0	0.091	0.02		239	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	240
solder	noble metal	silver	7440-22-4	0.119	0.03		314	
	non noble metal	tin	7440-31-5	0.095	0.03		251	
	non noble metal	lead	7439-92-1	4.552	1.20	1.26	11988	12553
*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