



Material Content Data Sheet



Sales Product Name		TLE7273-2E V50		Issued		20. July 2018		
MA#		MA000970210						
Package		PG-SSOP-14-2		Weight*		83.36 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	2.362	2.83	2.83	28334	28334
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		103	
	non noble metal	zinc	7440-66-6	0.034	0.04		413	
	non noble metal	iron	7439-89-6	0.689	0.83		8266	
wire	non noble metal	copper	7440-50-8	27.978	33.56	34.44	335633	344415
	noble metal	gold	7440-57-5	0.171	0.20	0.20	2046	2046
	encapsulation	organic material	carbon black	1333-86-4	0.098	0.12		1176
encapsulation	plastics	epoxy resin	-	4.510	5.41		54110	
	inorganic material	silicondioxide	60676-86-0	44.418	53.29	58.82	532862	588148
leadfinish	non noble metal	tin	7440-31-5	0.988	1.19	1.19	11856	11856
plating	noble metal	silver	7440-22-4	0.768	0.92	0.92	9209	9209
glue	plastics	epoxy resin	-	0.333	0.40		3998	
	noble metal	silver	7440-22-4	1.000	1.20	1.60	11994	15992
*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

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