



Material Content Data Sheet



Sales Product Name	TLE4276SV			Issued	1. August 2018			
MA#	MA001261004							
Package	PG-TO220-5-12			Weight*	2129.44 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	3.304	0.16	0.16	1551	1551
leadframe	inorganic material	phosphorus	7723-14-0	0.277	0.01		130	
	non noble metal	iron	7439-89-6	0.923	0.04		433	
	non noble metal	copper	7440-50-8	921.567	43.27	43.32	432774	433337
	non noble metal	aluminium	7429-90-5	0.267	0.01	0.01	125	125
wire	non noble metal	aluminium	7429-90-5	0.267	0.01	0.01	125	125
encapsulation	organic material	carbon black	1333-86-4	1.216	0.06		571	
	plastics	epoxy resin	-	55.931	2.63		26266	
solder	inorganic material	silicondioxide	60676-86-0	550.797	25.87	28.56	258659	285496
	non noble metal	tin	7440-31-5	0.099	0.00		46	
	noble metal	silver	7440-22-4	0.123	0.01		58	
heatspreader	non noble metal	lead	7439-92-1	4.705	0.22	0.23	2209	2313
	inorganic material	phosphorus	7723-14-0	0.177	0.01		83	
	non noble metal	iron	7439-89-6	0.590	0.03		277	
	non noble metal	iron	7439-89-6	0.590	0.03		277	
	non noble metal	copper	7440-50-8	589.466	27.68	27.72	276818	277178
*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.

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