



## Material Content Data Sheet



<b>Sales Product Name</b>		TLE4276SV		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA000714748						
<b>Package</b>		PG-TO220-5-12		<b>Weight*</b>		2156.09 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	0.15	0.15	1532	1532
leadframe	inorganic material	phosphorus	7723-14-0	0.277	0.01		128	
	non noble metal	iron	7439-89-6	0.923	0.04		428	
	non noble metal	copper	7440-50-8	921.567	42.74	42.79	427424	427980
	non noble metal	aluminium	7429-90-5	0.225	0.01	0.01	104	104
wire	non noble metal	aluminium	7429-90-5	0.225	0.01	0.01	104	104
encapsulation	organic material	carbon black	1333-86-4	1.214	0.06		563	
	plastics	epoxy resin	-	55.864	2.59		25910	
	inorganic material	silicondioxide	60676-86-0	550.135	25.52	28.17	255154	281627
leadfinish	non noble metal	tin	7440-31-5	24.181	1.12	1.12	11215	11215
plating	inorganic material	phosphorus	7723-14-0	0.008	0.00		4	
	non noble metal	nickel	7440-02-0	3.285	0.15	0.15	1523	1527
solder	non noble metal	tin	7440-31-5	0.098	0.00		45	
	noble metal	silver	7440-22-4	0.122	0.01		57	
	non noble metal	lead	7439-92-1	4.658	0.22	0.23	2161	2263
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		82	
	non noble metal	iron	7439-89-6	0.590	0.03		274	
	non noble metal	copper	7440-50-8	589.466	27.34	27.38	273396	273752
*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