



Material Content Data Sheet



Sales Product Name		TDK5100F		Issued		25. September 2017		
MA#		MA000872050						
Package		PG-TSSOP-10-3		Weight*		23.02 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	0.989	4.30	4.30	42951	42951
leadframe	inorganic material	silicon	7440-21-3	0.002	0.01		77	
	non noble metal	titanium	7440-32-6	0.009	0.04		385	
	non noble metal	chromium	7440-47-3	0.027	0.12		1155	
	non noble metal	copper	7440-50-8	8.828	38.35	38.52	383465	385082
wire	noble metal	gold	7440-57-5	0.100	0.44	0.44	4355	4355
encapsulation	organic material	carbon black	1333-86-4	0.091	0.39		3939	
	plastics	brominated resin	-	0.113	0.49		4923	
	inorganic material	antimonytrioxide	1309-64-4	0.227	0.98		9846	
	plastics	epoxy resin	-	2.063	8.96		89601	
	inorganic material	silicondioxide	60676-86-0	8.841	38.40	49.22	384003	492312
leadfinish	non noble metal	tin	7440-31-5	0.505	2.19	2.19	21948	21948
plating	noble metal	silver	7440-22-4	0.836	3.63	3.63	36292	36292
glue	plastics	epoxy resin	-	0.079	0.34		3412	
	noble metal	silver	7440-22-4	0.314	1.36	1.70	13648	17060
*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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