



## Material Content Data Sheet



<b>Sales Product Name</b>		IFX25001TC V50		<b>Issued</b>		2. June 2015		
<b>MA#</b>		MA001371690						
<b>Package</b>		PG-TO263-3-1		<b>Weight*</b>		1598.95 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	0.20	0.20	1988	1988
leadframe	non noble metal	iron	7439-89-6	0.304	0.02		190	
	inorganic material	phosphorus	7723-14-0	0.091	0.01		57	
	non noble metal	copper	7440-50-8	304.026	19.01	19.04	190141	190388
wire	non noble metal	aluminium	7429-90-5	0.217	0.01	0.01	136	136
encapsulation	organic material	carbon black	1333-86-4	1.456	0.09		911	
	plastics	epoxy resin	-	66.974	4.19		41886	
	inorganic material	silicondioxide	60676-86-0	659.547	41.26	45.54	412488	455286
leadfinish	non noble metal	tin	7440-31-5	9.777	0.61	0.61	6115	6115
plating	non noble metal	nickel	7440-02-0	0.228	0.01		143	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	143
solder	noble metal	silver	7440-22-4	0.119	0.01		75	
	non noble metal	tin	7440-31-5	0.095	0.01		60	
	non noble metal	lead	7439-92-1	4.552	0.28	0.30	2847	2982
heatspreader	non noble metal	iron	7439-89-6	0.548	0.03		343	
	inorganic material	phosphorus	7723-14-0	0.165	0.01		103	
	non noble metal	copper	7440-50-8	547.666	34.25	34.29	342516	342962
*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 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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