



## Material Content Data Sheet



<b>Sales Product Name</b>		ITS724G		<b>Issued</b>		14. September 2018		
<b>MA#</b>		MA001368818						
<b>Package</b>		PG-DSO-20-32		<b>Weight*</b>		479.28 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	4.733	0.99	0.99	9876	9876
chip_2	inorganic material	silicon	7440-21-3	4.733	0.99	0.99	9876	9876
leadframe	inorganic material	phosphorus	7723-14-0	0.036	0.01		75	
	non noble metal	zinc	7440-66-6	0.143	0.03		299	
	non noble metal	iron	7439-89-6	2.862	0.60		5971	
wire	non noble metal	copper	7440-50-8	116.197	24.24	24.88	242441	248786
	non noble metal	aluminium	7429-90-5	0.417	0.09	0.09	870	870
	organic material	carbon black	1333-86-4	0.687	0.14		1433	
encapsulation	plastics	epoxy resin	-	31.594	6.59		65920	
	inorganic material	silicondioxide	60676-86-0	311.134	64.91	71.64	649170	716523
leadfinish	non noble metal	tin	7440-31-5	2.746	0.57	0.57	5729	5729
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		2	
	non noble metal	nickel	7440-02-0	0.341	0.07		712	
	noble metal	silver	7440-22-4	1.177	0.25	0.32	2455	3169
glue	plastics	epoxy resin	-	0.434	0.09		905	
	noble metal	silver	7440-22-4	2.045	0.43	0.52	4266	5171
*deviation	< 10%				Sum in total:		100.00	1000000

### Important Remarks:

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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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com