



Material Content Data Sheet



Sales Product Name	ITS612N1			Issued		29. August 2013		
MA#	MA000221900							
Package	PG-TO220-7-11			Weight*		2102.00 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	4.579	0.22	0.22	2178	2178
leadframe	non noble metal	iron	7439-89-6	0.908	0.04		432	
	inorganic material	phosphorus	7723-14-0	0.272	0.01		130	
	non noble metal	copper	7440-50-8	906.793	43.15	43.20	431395	431957
wire	non noble metal	aluminium	7429-90-5	1.736	0.08	0.08	826	826
encapsulation	organic material	carbon black	1333-86-4	6.361	0.30		3026	
	inorganic material	antimonytrioxide	1309-64-4	13.301	0.63		6328	
	plastics	brominated resin	-	15.036	0.72		7153	
	plastics	epoxy resin	-	109.876	5.23		52272	
	inorganic material	silicondioxide	60676-86-0	433.720	20.63	27.51	206336	275115
leadfinish	non noble metal	tin	7440-31-5	23.005	1.09	1.09	10945	10945
plating	non noble metal	nickel	7440-02-0	0.216	0.01		103	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	0	103
solder	non noble metal	antimony	7440-36-0	0.262	0.01		124	
	noble metal	silver	7440-22-4	0.654	0.03		311	
	non noble metal	tin	7440-31-5	1.701	0.08	0.12	809	1244
heatspreader	non noble metal	iron	7439-89-6	0.584	0.03		278	
	inorganic material	phosphorus	7723-14-0	0.175	0.01		83	
	non noble metal	copper	7440-50-8	582.824	27.73	27.77	277271	277632
*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.

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