



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS3104SDR		<b>Issued</b>		29. August 2013			
<b>MA#</b>		MA001111614							
<b>Package</b>		PG-TO252-3-11		<b>Weight*</b>		390.63 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	1.872	0.48	0.48	4792	4792	
leadframe	non noble metal	iron	7439-89-6	0.140	0.04		358		
	inorganic material	phosphorus	7723-14-0	0.042	0.01		107		
	non noble metal	copper	7440-50-8	139.706	35.77	35.82	357639	358104	
wire	non noble metal	aluminium	7429-90-5	0.516	0.13	0.13	1320	1320	
encapsulation	organic material	carbon black	1333-86-4	1.479	0.38		3785		
	plastics	epoxy resin	-	25.874	6.62		66236		
	inorganic material	silicondioxide	60676-86-0	120.498	30.85	37.85	308470	378491	
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9574	9574	
plating	non noble metal	nickel	7440-02-0	0.091	0.02		232		
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	233	
solder	noble metal	silver	7440-22-4	0.052	0.01		132		
	non noble metal	tin	7440-31-5	0.041	0.01		106		
	non noble metal	lead	7439-92-1	1.971	0.50	0.52	5046	5284	
heatspreader	non noble metal	iron	7439-89-6	0.095	0.02		242		
	inorganic material	phosphorus	7723-14-0	0.028	0.01		73		
	non noble metal	copper	7440-50-8	94.488	24.19	24.22	241887	242202	
*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