



## Material Content Data Sheet



<b>Sales Product Name</b>		BTS3046SDR		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA001111616						
<b>Package</b>		PG-TO252-3-11		<b>Weight*</b>		391.81 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	3.370	0.86	0.86	8600	8600
leadframe	non noble metal	iron	7439-89-6	0.140	0.04		357	
	inorganic material	phosphorus	7723-14-0	0.042	0.01		107	
	non noble metal	copper	7440-50-8	139.706	35.66	35.71	356565	357029
wire	non noble metal	aluminium	7429-90-5	1.745	0.45	0.45	4453	4453
encapsulation	organic material	carbon black	1333-86-4	1.454	0.37		3710	
	plastics	epoxy resin	-	25.436	6.49		64920	
	inorganic material	silicondioxide	60676-86-0	118.461	30.23	37.09	302343	370973
leadfinish	non noble metal	tin	7440-31-5	3.740	0.95	0.95	9546	9546
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	0.075	0.02		192	
	non noble metal	tin	7440-31-5	0.060	0.02		154	
	non noble metal	lead	7439-92-1	2.879	0.73	0.77	7348	7694
heatspreader	non noble metal	iron	7439-89-6	0.095	0.02		241	
	inorganic material	phosphorus	7723-14-0	0.028	0.01		72	
	non noble metal	copper	7440-50-8	94.488	24.12	24.15	241159	241472
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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