



Material Content Data Sheet



Sales Product Name	BTN7975B			Issued		29. August 2013		
MA#	MA001034268							
Package	PG-TO263-7-1			Weight*		1534.06 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	7.983	0.52	0.52	5204	5204
leadframe	non noble metal	iron	7439-89-6	0.810	0.05		528	
	inorganic material	phosphorus	7723-14-0	0.243	0.02		158	
	non noble metal	copper	7440-50-8	808.613	52.71	52.78	527107	527794
wire	non noble metal	aluminium	7429-90-5	0.396	0.03	0.03	258	258
encapsulation	organic material	carbon black	1333-86-4	8.857	0.58		5774	
	plastics	epoxy resin	-	97.431	6.35		63512	
	inorganic material	silicondioxide	60676-86-0	484.200	31.56	38.49	315634	384920
leadfinish	non noble metal	tin	7440-31-5	13.037	0.85	0.85	8498	8498
plating	non noble metal	nickel	7440-02-0	0.212	0.01		138	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	138
glue	plastics	Polyimide	26023-21-2	0.179	0.01	0.01	117	117
solder	noble metal	silver	7440-22-4	0.144	0.01		94	
	non noble metal	tin	7440-31-5	0.115	0.01		75	
	non noble metal	lead	7439-92-1	5.488	0.36	0.38	3577	3746
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		21	
	non noble metal	iron	7439-89-6	0.106	0.01		69	
	non noble metal	copper	7440-50-8	106.210	6.92	6.93	69235	69325
*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