



Material Content Data Sheet



Sales Product Name	IPI100N04S3-03			Issued		29. August 2013		
MA#	MA000363505							
Package	PG-TO262-3-1			Weight*		1576.26 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	8.313	0.53	0.53	5274	5274
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		540	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	copper	7440-50-8	849.682	53.90	53.97	539050	539753
wire	non noble metal	aluminium	7429-90-5	10.023	0.64	0.64	6358	6358
encapsulation	organic material	carbon black	1333-86-4	8.694	0.55		5516	
	plastics	epoxy resin	-	95.636	6.07		60673	
	inorganic material	silicondioxide	60676-86-0	475.284	30.15	36.77	301528	367717
leadfinish	non noble metal	tin	7440-31-5	15.198	0.96	0.96	9642	9642
plating	non noble metal	nickel	7440-02-0	0.228	0.01		145	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	145
solder	noble metal	silver	7440-22-4	0.144	0.01		91	
	non noble metal	tin	7440-31-5	0.115	0.01		73	
	non noble metal	lead	7439-92-1	5.483	0.35	0.37	3479	3643
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	iron	7439-89-6	0.106	0.01		67	
	non noble metal	copper	7440-50-8	106.210	6.74	6.75	67381	67468
*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.

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