



Material Content Data Sheet



Sales Product Name	IPI90N06S4-04			Issued		29. August 2013		
MA#	MA000467718							
Package	PG-TO262-3-1			Weight*		1573.87 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	5.184	0.33	0.33	3294	3294
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		541	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	copper	7440-50-8	849.682	53.99	54.06	539868	540572
wire	non noble metal	aluminium	7429-90-5	6.478	0.41	0.41	4116	4116
encapsulation	organic material	carbon black	1333-86-4	8.785	0.56		5582	
	plastics	epoxy resin	-	96.635	6.14		61400	
	inorganic material	silicondioxide	60676-86-0	480.248	30.51	37.21	305139	372121
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9656	9656
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	0.099	0.01		63	
	non noble metal	tin	7440-31-5	0.079	0.00		50	
	non noble metal	lead	7439-92-1	3.796	0.24	0.25	2412	2525
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		68	
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	copper	7440-50-8	106.210	6.75	6.76	67483	67571
*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