



Material Content Data Sheet



Sales Product Name				IPI086N10N3 G		Issued		22. January 2018	
MA#				MA000973706					
Package				PG-TO262-3-1		Weight*		1569.47 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	4.609	0.28	0.28	2838	2838	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		524		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		157		
	non noble metal	copper	7440-50-8	849.682	52.31	52.38	523182	523863	
wire	non noble metal	aluminium	7429-90-5	6.625	0.41	0.41	4079	4079	
encapsulation	organic material	carbon black	1333-86-4	5.830	0.36		3590		
	plastics	epoxy resin	-	110.772	6.82		68207		
	inorganic material	silicondioxide	60676-86-0	466.410	28.72	35.90	287186	358983	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.94	0.94	9358	9358	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		141		
	inorganic material	phosphorus	7723-14-0	0.001	3.36	3.37	33619	33760	
solder	non noble metal	antimony	7440-36-0	0.266	0.02		164		
	noble metal	silver	7440-22-4	0.665	0.04		409		
	non noble metal	tin	7440-31-5	1.728	0.11	0.17	1064	1637	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		65		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.54	6.55	65397	65482	
*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.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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