



Material Content Data Sheet



Sales Product Name		IDH12SG60C		Issued		29. August 2013		
MA#		MA000629870						
Package		PG-TO220-2-1		Weight*		1966.46 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.168	0.01		86	
	non noble metal	tin	7440-31-5	0.043	0.00		22	
	inorganic material	silicon	7440-21-3	2.143	0.11	0.12	1090	1198
leadframe	inorganic material	phosphorus	7723-14-0	0.403	0.02		205	
	non noble metal	iron	7439-89-6	1.343	0.07		683	
	non noble metal	copper	7440-50-8	1341.263	68.20	68.29	682069	682957
wire	non noble metal	aluminium	7429-90-5	1.221	0.06	0.06	621	621
encapsulation	organic material	carbon black	1333-86-4	9.078	0.46		4616	
	plastics	epoxy resin	-	99.857	5.08		50780	
	inorganic material	silicondioxide	60676-86-0	496.257	25.24	30.78	252360	307757
leadfinish	non noble metal	tin	7440-31-5	14.487	0.74	0.74	7367	7367
plating	non noble metal	nickel	7440-02-0	0.198	0.01		101	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.01	0	101
*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