



Material Content Data Sheet



Sales Product Name		IHW25N120R2		Issued		31. July 2018		
MA#		MA003062086						
Package		PG-TO247-3-44		Weight*		5954.34 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	6.816	0.11	0.11	1145	1145
leadframe	inorganic material	phosphorus	7723-14-0	1.192	0.02		200	
	non noble metal	iron	7439-89-6	3.972	0.07		667	
	non noble metal	copper	7440-50-8	3967.074	66.62	66.71	666249	667116
wire	non noble metal	aluminium	7429-90-5	8.057	0.14	0.14	1353	1353
encapsulation	organic material	carbon black	1333-86-4	9.514	0.16		1598	
	plastics	epoxy resin	-	380.551	6.39		63912	
	inorganic material	silicondioxide	60676-86-0	1512.692	25.40	31.95	254049	319559
leadfinish	non noble metal	tin	7440-31-5	31.874	0.54	0.54	5353	5353
plating	non noble metal	nickel	7440-02-0	29.065	0.49	0.49	4881	4881
solder	non noble metal	antimony	7440-36-0	0.353	0.01		59	
	noble metal	silver	7440-22-4	0.883	0.01		148	
	non noble metal	tin	7440-31-5	2.296	0.04	0.06	386	593
*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