



Material Content Data Sheet



Sales Product Name		IKW15T120		Issued		19. July 2018		
MA#		MA000920386						
Package		PG-TO247-3-41		Weight*		6049.23 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	8.375	0.14	0.14	1384	1384
leadframe	non noble metal	iron	7439-89-6	3.972	0.07		657	
	inorganic material	phosphorus	7723-14-0	1.192	0.02		197	
	non noble metal	copper	7440-50-8	3967.074	65.57	65.66	655799	656653
wire	non noble metal	aluminium	7429-90-5	8.454	0.14	0.14	1398	1398
encapsulation	organic material	carbon black	1333-86-4	19.944	0.33		3297	
	plastics	epoxy resin	-	378.932	6.26		62641	
	inorganic material	silicondioxide	60676-86-0	1595.502	26.38	32.97	263753	329691
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5269	5269
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4805	4805
solder	non noble metal	antimony	7440-36-0	0.484	0.01		80	
	noble metal	silver	7440-22-4	1.211	0.02		200	
	non noble metal	tin	7440-31-5	3.148	0.05	0.08	520	800
*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