



Material Content Data Sheet



Sales Product Name		IKW75N60T		Issued		19. July 2018		
MA#		MA000920374						
Package		PG-TO247-3-41		Weight*		6052.57 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	9.402	0.16	0.16	1553	1553
leadframe	non noble metal	iron	7439-89-6	3.972	0.07		656	
	inorganic material	phosphorus	7723-14-0	1.192	0.02		197	
	non noble metal	copper	7440-50-8	3967.074	65.54	65.63	655437	656290
wire	non noble metal	aluminium	7429-90-5	17.489	0.29	0.29	2890	2890
encapsulation	organic material	carbon black	1333-86-4	19.848	0.33		3279	
	plastics	epoxy resin	-	377.121	6.23		62308	
	inorganic material	silicondioxide	60676-86-0	1587.876	26.23	32.79	262348	327935
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5266	5266
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4802	4802
solder	non noble metal	antimony	7440-36-0	0.765	0.01		126	
	noble metal	silver	7440-22-4	1.913	0.03		316	
	non noble metal	tin	7440-31-5	4.974	0.08	0.12	822	1264
*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.
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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