



## Material Content Data Sheet



<b>Sales Product Name</b>		SKW15N60		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA000978298						
<b>Package</b>		PG-TO247-3-41		<b>Weight*</b>		6055.93 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	5.638	0.09	0.09	931	931
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87364	87477
wire	non noble metal	aluminium	7429-90-5	75.093	1.24	1.24	12400	12400
encapsulation	organic material	carbon black	1333-86-4	19.385	0.32		3201	
	plastics	epoxy resin	-	368.313	6.08		60819	
	inorganic material	silicondioxide	60676-86-0	1550.791	25.61	32.01	256078	320098
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5263	5263
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4799	4799
solder	non noble metal	antimony	7440-36-0	0.353	0.01		58	
	noble metal	silver	7440-22-4	0.883	0.01		146	
	non noble metal	tin	7440-31-5	2.296	0.04	0.06	379	583
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		568	
	non noble metal	copper	7440-50-8	3438.006	56.76	56.84	567710	568449
*deviation	< 10%					Sum in total:	100.00	1000000

### Important Remarks:

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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