

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IHW30N60T	**Issued**	12. September 2019
MA#	MA005355253		
Package	PG-TO247-3-44	**Weight***	6051.78 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.930	0.03	0.03	319	319
chip_2	inorganic material	silicon	7440-21-3	3.012	0.05	0.05	498	498
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87424	87538
wire	non noble metal	aluminium	7429-90-5	16.304	0.27	0.27	2694	2694
encapsulation	organic material	carbon black	1333-86-4	19.939	0.33		3295	
	plastics	epoxy resin	-	378.848	6.26		62601	
	inorganic material	silicondioxide	60676-86-0	1595.150	26.36	32.95	263583	329479
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5267	5267
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4803	4803
solder	non noble metal	antimony	7440-36-0	0.342	0.01		56	
	noble metal	silver	7440-22-4	0.855	0.01		141	
	non noble metal	tin	7440-31-5	2.222	0.04	0.06	367	564
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3438.006	56.80	56.88	568098	568838
*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

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