

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDW30E60	**Issued**	02. June 2021
MA#	MA001646472		
Package	PG-TO247-3-44	**Weight***	6047.70 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	1.539	0.03	0.03	254	254
leadframe	inorganic material	phosphorus	7723-14-0	0.159			26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87483	87597
wire	non noble metal	aluminium	7429-90-5	10.014	0.17	0.17	1656	1656
encapsulation	organic material	carbon black	1333-86-4	20.018	0.33		3310	
	plastics	epoxy resin	-	380.334	6.29		62889	
	inorganic material	silicondioxide	60676-86-0	1,601.408	26.48	33.10	264797	330996
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5270	5270
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4806	4806
solder	non noble metal	antimony	7440-36-0	0.120			20	
	noble metal	silver	7440-22-4	0.301			50	
	non noble metal	tin	7440-31-5	0.783	0.01	0.01	129	199
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	3,438.006	56.84	56.92	568482	569222
*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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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.

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