



Material Content Data Sheet



Halogen-Free

Sales Product Name	IRLI530NPBF	Issued	21. July 2021
MA#	MA005539849		
Package	PG-TO220-3-901	Weight*	2165.30 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	5.222	0.24	0.24	2412	2412
leadframe	inorganic material	phosphorus	7723-14-0	0.341	0.02		158	
	non noble metal	iron	7439-89-6	1.138	0.05		525	
	non noble metal	copper	7440-50-8	1,136.331	52.49	52.56	524792	525475
wire	non noble metal	aluminium	7429-90-5	2.045	0.09	0.09	944	944
encapsulation	organic material	carbon black	1333-86-4	3.005	0.14		1388	
	inorganic material	zink oxide	1314-13-2	10.017	0.46		4626	
	organic material	phenol formaldehyde resin	9003-35-4	100.173	4.63		46263	
	inorganic material	silicondioxide	14808-60-7	888.532	41.04	46.27	410350	462627
leadfinish	non noble metal	tin	7440-31-5	7.883	0.36	0.36	3641	3641
plating	non noble metal	nickel	7440-02-0	6.793	0.31	0.31	3137	3137
solder	non noble metal	antimony	7440-36-0	0.382	0.02		176	
	noble metal	silver	7440-22-4	0.955	0.04		441	
	non noble metal	tin	7440-31-5	2.483	0.11	0.17	1147	1764
*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.

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