



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPP80N08S4-06	Issued	11. May 2021
MA#	MA001658128		
Package	PG-TO262-3-1	Weight*	1574.57 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	4.425	0.28	0.28	2811	2811
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		162	
	non noble metal	iron	7439-89-6	0.851	0.05		540	
	non noble metal	copper	7440-50-8	849.682	53.96	54.03	539628	540330
wire	non noble metal	aluminium	7429-90-5	6.884	0.44	0.44	4372	4372
encapsulation	inorganic material	zinc oxide	1314-13-2	5.872	0.37		3729	
	miscellaneous	miscellaneous	-	23.489	1.49		14918	
	plastics	epoxy resin	-	88.085	5.59		55942	
	inorganic material	silicon dioxide	60676-86-0	469.786	29.84	37.29	298360	372949
lead finish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9652	9652
plating	inorganic material	phosphorus	7723-14-0	0.001			1	
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	145	146
solder	non noble metal	tin	7440-31-5	0.069			44	
	noble metal	silver	7440-22-4	0.087	0.01		55	
	non noble metal	lead	7439-92-1	3.305	0.21	0.22	2099	2198
heatspreader	inorganic material	phosphorus	7723-14-0	0.032			20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.75	6.76	67454	67542
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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