

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD5N25S3-430	**Issued**	29. August 2013
MA#	MA000921702		
Package	PG-TO252-3-313	**Weight***	317.74 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	1.310	0.41	0.41	4124	4124
leadframe	non noble metal	iron	7439-89-6	0.147	0.05		464	
	inorganic material	phosphorus	7723-14-0	0.044	0.01		139	
	non noble metal	copper	7440-50-8	147.096	46.28	46.34	462945	463548
wire	non noble metal	aluminium	7429-90-5	1.054	0.33	0.33	3317	3317
encapsulation	organic material	carbon black	1333-86-4	1.418	0.45		4462	
	plastics	epoxy resin	-	24.813	7.81		78092	
	inorganic material	silicondioxide	60676-86-0	115.558	36.37	44.63	363687	446241
leadfinish	non noble metal	tin	7440-31-5	3.740	1.18	1.18	11771	11771
plating	inorganic material	phosphorus	7723-14-0	0.003	0.00		11	
	non noble metal	nickel	7440-02-0	1.421	0.45	0.45	4471	4482
solder	noble metal	silver	7440-22-4	0.048	0.02		152	
	non noble metal	tin	7440-31-5	0.039	0.01		122	
	non noble metal	lead	7439-92-1	1.846	0.58	0.61	5809	6083
heatspreader	non noble metal	iron	7439-89-6	0.019	0.01		60	
	inorganic material	phosphorus	7723-14-0	0.006	0.00		18	
	non noble metal	copper	7440-50-8	19.177	6.04	6.05	60356	60434
*deviation	< 10%				Sum in total:	100,00		1000000

Important Remarks:

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