Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD25N06S4L-30	**Issued**	29. August 2013
MA#	MA000484866		
Package	PG-TO252-3-11	**Weight***	389.64 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	0.678	0.17	0.17	1741	1741
leadframe	non noble metal	iron	7439-89-6	0.140	0.04		359	
	inorganic material	phosphorus	7723-14-0	0.042	0.01		108	
	non noble metal	copper	7440-50-8	139.706	35.85	35.90	358549	359016
wire	non noble metal	aluminium	7429-90-5	0.679	0.17	0.17	1743	1743
encapsulation	organic material	carbon black	1333-86-4	1.489	0.38		3820	
	plastics	epoxy resin	-	26.051	6.69		66858	
	inorganic material	silicondioxide	60676-86-0	121.323	31.14	38.21	311369	382047
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9599	9599
plating	non noble metal	nickel	7440-02-0	0.091	0.02		233	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	234
solder	noble metal	silver	7440-22-4	0.027	0.01		70	
	non noble metal	tin	7440-31-5	0.022	0.01		56	
	non noble metal	lead	7439-92-1	1.044	0.27	0.29	2679	2805
heatspreader	inorganic material	phosphorus	7723-14-0	0.028	0.01		73	
	non noble metal	iron	7439-89-6	0.095	0.02		243	
	non noble metal	copper	7440-50-8	94.488	24.25	24.28	242499	242815
*deviation	< 10%				Sum in total:	100,00		1000000

Important Remarks:

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