



Material Content Data Sheet



Sales Product Name		ITS428L2		Issued		29. August 2013		
MA#		MA001114048						
Package		PG-TO252-5-11		Weight*		356.73 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	3.586	1.01	1.01	10051	10051
leadframe	non noble metal	iron	7439-89-6	0.205	0.06		573	
	inorganic material	phosphorus	7723-14-0	0.061	0.02		172	
	non noble metal	copper	7440-50-8	204.243	57.26	57.34	572534	573279
wire	non noble metal	aluminium	7429-90-5	0.656	0.18	0.18	1840	1840
encapsulation	organic material	carbon black	1333-86-4	1.397	0.39		3916	
	plastics	epoxy resin	-	24.446	6.85		68528	
	inorganic material	silicondioxide	60676-86-0	113.850	31.91	39.15	319144	391588
leadfinish	non noble metal	tin	7440-31-5	5.072	1.42	1.42	14219	14219
plating	non noble metal	nickel	7440-02-0	0.076	0.02		214	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	215
solder	noble metal	silver	7440-22-4	0.079	0.02		220	
	non noble metal	tin	7440-31-5	0.063	0.02		176	
	non noble metal	lead	7439-92-1	3.001	0.84	0.88	8412	8808
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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