



Material Content Data Sheet



Sales Product Name	ITS436L2S			Issued		29. August 2013		
MA#	MA000222156							
Package	PG-TO220-5-12			Weight*		2107.11 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	5.066	0.24	0.24	2404	2404
leadframe	non noble metal	iron	7439-89-6	1.513	0.07		718	
	inorganic material	phosphorus	7723-14-0	0.454	0.02		215	
	non noble metal	copper	7440-50-8	1511.033	71.71	71.80	717112	718045
wire	non noble metal	aluminium	7429-90-5	3.827	0.18	0.18	1816	1816
encapsulation	organic material	carbon black	1333-86-4	6.107	0.29		2898	
	inorganic material	antimonytrioxide	1309-64-4	12.769	0.61		6060	
	plastics	brominated resin	-	14.435	0.69		6851	
	plastics	epoxy resin	-	105.487	5.01		50062	
	inorganic material	silicondioxide	60676-86-0	416.397	19.76	26.36	197615	263486
leadfinish	non noble metal	tin	7440-31-5	23.910	1.13	1.13	11347	11347
plating	inorganic material	phosphorus	7723-14-0	0.008	0.00		4	
	non noble metal	nickel	7440-02-0	3.285	0.16	0.16	1559	1563
solder	non noble metal	antimony	7440-36-0	0.282	0.01		134	
	noble metal	silver	7440-22-4	0.705	0.03		335	
	non noble metal	tin	7440-31-5	1.834	0.09	0.13	870	1339
*deviation	< 10%	Sum in total:			100,00		1000000	

Important Remarks:

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