



Material Content Data Sheet



Sales Product Name	IDH15S120			Issued		29. August 2013		
MA#	MA000623044							
Package	PG-TO220-2-1			Weight*		1978.08 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	siliconcarbide	409-21-2	9.798	0.50	0.50	4953	4953
leadframe	non noble metal	iron	7439-89-6	1.343	0.07		679	
	inorganic material	phosphorus	7723-14-0	0.403	0.02		204	
	non noble metal	copper	7440-50-8	1341.263	67.82	67.91	678062	678945
wire	non noble metal	aluminium	7429-90-5	1.249	0.06	0.06	632	632
encapsulation	organic material	carbon black	1333-86-4	8.990	0.45		4545	
	plastics	epoxy resin	-	98.889	5.00		49992	
	inorganic material	silicondioxide	60676-86-0	491.449	24.84	30.29	248447	302984
leadfinish	non noble metal	tin	7440-31-5	14.487	0.73	0.73	7324	7324
plating	non noble metal	nickel	7440-02-0	0.198	0.01		100	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.01	0	100
solder	noble metal	silver	7440-22-4	0.250	0.01		127	
	non noble metal	tin	7440-31-5	0.200	0.01		101	
	non noble metal	lead	7439-92-1	9.562	0.48	0.50	4834	5062
*deviation	< 10%	Sum in total:				100,00		1000000

Important Remarks:

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