



Material Content Data Sheet



Sales Product Name		BUZ30A H		Issued		27. September 2017		
MA#		MA000689468						
Package		PG-TO220-3-1		Weight*		2036.88 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	10.242	0.50	0.50	5028	5028
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		401	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	copper	7440-50-8	815.335	40.03	40.08	400285	400807
wire	non noble metal	aluminium	7429-90-5	27.229	1.34	1.34	13368	13368
encapsulation	organic material	carbon black	1333-86-4	5.664	0.28		2781	
	plastics	epoxy resin	-	107.619	5.28		52835	
	inorganic material	silicondioxide	60676-86-0	453.133	22.25	27.81	222464	278080
leadfinish	non noble metal	tin	7440-31-5	21.462	1.05	1.05	10537	10537
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120
solder	non noble metal	antimony	7440-36-0	0.466	0.02		229	
	noble metal	silver	7440-22-4	1.164	0.06		572	
	non noble metal	tin	7440-31-5	3.028	0.15	0.23	1486	2287
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	copper	7440-50-8	589.466	28.94	28.98	289396	289773
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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