



Material Content Data Sheet



Sales Product Name		ICE3A1565		Issued		19. July 2018		
MA#		MA001046744						
Package		PG-DIP-8-15		Weight*		550.84 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	4.127	0.75	0.75	7492	7492
leadframe	inorganic material	phosphorus	7723-14-0	0.053	0.01		97	
	non noble metal	zinc	7440-66-6	0.213	0.04		387	
	non noble metal	iron	7439-89-6	4.266	0.77		7746	
wire	non noble metal	copper	7440-50-8	173.237	31.45	32.27	314500	322730
	noble metal	gold	7440-57-5	0.359	0.07	0.07	651	651
encapsulation	organic material	carbon black	1333-86-4	1.794	0.33		3257	
	plastics	epoxy resin	-	48.447	8.80		87952	
	inorganic material	silicondioxide	60676-86-0	308.625	56.02	65.15	560286	651495
leadfinish	non noble metal	tin	7440-31-5	7.496	1.36	1.36	13608	13608
plating	noble metal	silver	7440-22-4	0.801	0.15	0.15	1454	1454
glue	plastics	epoxy resin	-	0.248	0.04		450	
	noble metal	silver	7440-22-4	1.168	0.21	0.25	2120	2570
*deviation	< 10%					Sum in total:	100.00	1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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