



Material Content Data Sheet



Sales Product Name	ISO1H816G			Issued	20. July 2018			
MA#	MA001241430							
Package	PG-DSO-36-21			Weight*	2045.97 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	19.020	0.93	0.93	9296	9296
leadframe	inorganic material	phosphorus	7723-14-0	0.383	0.02		187	
	non noble metal	zinc	7440-66-6	1.533	0.07		749	
	non noble metal	iron	7439-89-6	30.652	1.50		14982	
wire	non noble metal	copper	7440-50-8	1244.598	60.84	62.43	608315	624233
	noble metal	gold	7440-57-5	3.778	0.18	0.18	1847	1847
	encapsulation	organic material	carbon black	1333-86-4	1.438	0.07		703
encapsulation	plastics	epoxy resin	-	66.130	3.23		32322	
	inorganic material	silicondioxide	60676-86-0	651.241	31.83	35.13	318304	351329
leadfinish	non noble metal	tin	7440-31-5	16.150	0.79	0.79	7894	7894
plating	noble metal	silver	7440-22-4	0.741	0.04	0.04	362	362
glue	plastics	Polyimide	26023-21-2	0.292	0.01	0.01	143	143
solder	noble metal	silver	7440-22-4	0.150	0.01		73	
	non noble metal	tin	7440-31-5	0.100	0.00		49	
	non noble metal	lead	7439-92-1	9.767	0.48	0.49	4774	4896
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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