



Material Content Data Sheet



Sales Product Name				6ED2230S12T		Issued		1. August 2018	
MA#				MA002634582					
Package				PG-DSO-24-21		Weight*		807.68 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	6.694	0.83	0.83	8288	8288	
leadframe	inorganic material	phosphorus	7723-14-0	0.064	0.01		79		
	non noble metal	zinc	7440-66-6	0.255	0.03		316		
	non noble metal	iron	7439-89-6	5.108	0.63		6324		
wire	non noble metal	copper	7440-50-8	207.406	25.68	26.35	256793	263512	
	noble metal	gold	7440-57-5	0.771	0.10	0.10	954	954	
	encapsulation	organic material	carbon black	1333-86-4	1.731	0.21		2144	
plastics	plastics	epoxy resin	-	67.528	8.36		83607		
	inorganic material	silicondioxide	60676-86-0	507.903	62.88	71.45	628843	714594	
	leadfinish	noble metal	palladium	7440-05-3	0.001	0.00		1	
plating	noble metal	silver	7440-22-4	0.001	0.00		1		
	noble metal	gold	7440-57-5	0.002	0.00		2		
	non noble metal	nickel	7440-02-0	1.575	0.20	0.20	1950	1954	
	noble metal	silver	7440-22-4	0.004	0.00		5		
glue	noble metal	palladium	7440-05-3	0.004	0.00		5		
	noble metal	gold	7440-57-5	0.007	0.00		8		
	non noble metal	nickel	7440-02-0	6.737	0.83	0.83	8341	8359	
*deviation	plastics	epoxy resin	-	0.472	0.06		585		
	noble metal	silver	7440-22-4	1.417	0.18	0.24	1754	2339	
						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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com