



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTS3125TF	Issued	06. May 2021
MA#	MA001328794		
Package	PG-TO252-3-313	Weight*	316.75 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	0.677	0.21	0.21	2137	2137
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		139	
	non noble metal	iron	7439-89-6	0.147	0.05		465	
	non noble metal	copper	7440-50-8	147.096	46.44	46.50	464387	464991
wire	non noble metal	aluminium	7429-90-5	0.187	0.06	0.06	590	590
encapsulation	inorganic material	zinc oxide	1314-13-2	1.433	0.45		4524	
	miscellaneous	miscellaneous	-	7.165	2.26		22619	
	plastics	epoxy resin	-	21.494	6.79		67856	
	inorganic material	silicon dioxide	60676-86-0	113.200	35.74	45.24	357375	452374
lead finish	non noble metal	tin	7440-31-5	3.740	1.18	1.18	11807	11807
plating	inorganic material	phosphorus	7723-14-0	0.003			11	
	non noble metal	nickel	7440-02-0	1.421	0.45	0.45	4485	4496
solder	non noble metal	tin	7440-31-5	0.019	0.01		60	
	noble metal	silver	7440-22-4	0.024	0.01		75	
	non noble metal	lead	7439-92-1	0.902	0.28	0.30	2848	2983
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			18	
	non noble metal	iron	7439-89-6	0.019	0.01		61	
	non noble metal	copper	7440-50-8	19.177	6.05	6.06	60543	60622
*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.

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