



Material Content Data Sheet



Sales Product Name				KP234		Issued		2. August 2018	
MA#				MA000872324					
Package				PG-D50F-8-16		Weight*		225.97 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	12.745	5.64	5.64	56400	56400	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.00		41		
		non noble metal	zinc	7440-66-6	0.037	0.02		164	
		non noble metal	iron	7439-89-6	0.740	0.33		3273	
wire	non noble metal	copper	7440-50-8	30.034	13.29	13.64	132908	136386	
		noble metal	gold	7440-57-5	0.168	0.07	0.07	745	745
		organic material	carbon black	1333-86-4	0.588	0.26		2601	
encapsulation	plastics	epoxy resin	-	21.305	9.43		94280		
		inorganic material	silicondioxide	60676-86-0	125.036	55.34	65.03	553324	650205
		inorganic material	phosphorus	7723-14-0	0.000	0.00		2	
leadfinish	noble metal	gold	7440-57-5	0.015	0.01		67		
		noble metal	palladium	7440-05-3	0.015	0.01		67	
		non noble metal	nickel	7440-02-0	0.149	0.07	0.09	658	794
plating	non noble metal	zinc	7440-66-6	0.004	0.00		16		
		non noble metal	chromium	7440-47-3	0.004	0.00	0.00	16	32
lid attach material	organic material	carbon black	1333-86-4	0.005	0.00		22		
		inorganic material	silicondioxide	60676-86-0	0.476	0.21		2106	
		plastics	epoxy resin	-	0.500	0.22	0.43	2215	4343
lid	inorganic material	glass fibre	-	5.716	2.53		25295		
		plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.79	6.32	37943	63238
glue	inorganic material	titandioxide	13463-67-7	0.025	0.01		110		
		inorganic material	alumina	1344-28-1	0.137	0.06		604	
		inorganic material	silicondioxide	60676-86-0	0.459	0.20		2032	
gel	plastics	silicone resin	-	1.861	0.82	1.09	8238	10984	
		plastics	silicone resin	-	17.371	7.69	7.69	76873	76873
*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

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