

## TOK-2-090111-G306c - RF PA Board

9/26/2004

Designator	Comment	Footprint	Description	MFG
C408	0.01UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C409	0.01UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C410	0.01UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C425	0.047UF	0603	Capacitor Ceramic Multilayer, +-10%, >10V	
C432	0.1UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C400	0.22UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C401	0.22UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C402	0.22UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C403	0.22UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C404	0.22UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C405	0.22UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C406	0.22UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C407	0.22UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
C429	0.22UF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V	
L405	0603C-10NJ	0603	TriTron - Wirewound Inductor, 5%, SRF > 3500MHz, DCR < 0.3 ohm	
L407	0603C-4N7J	0603	TriTron - Wirewound Inductor, 5%, SRF > 3500MHz, DCR < 0.3 ohm	
L406	0603C-6N8J	0603	TriTron - Wirewound Inductor, 5%, SRF > 3500MHz, DCR < 0.3 ohm	
R408	1.3K	0603	Resistor Metal Film, 5%, 1/16W	
C412	100PF	0603	Capacitor Ceramic Multilayer, +- 0.5 PF, >10V	
R400	10R	0603	Resistor Metal Film, 5%, 1/16W	
R404	10R	0603	Resistor Metal Film, 5%, 1/16W	
R405	10R	0603	Resistor Metal Film, 5%, 1/16W	
R410	150R	0603	Resistor Metal Film, 5%, 1/16W	
R411	150R	0603	Resistor Metal Film, 5%, 1/16W	
R407	15K	0603	Resistor Metal Film, 5%, 1/16W	
C422	15PF	0603	Capacitor Ceramic Multilayer, +-5%, >10V	
C415	1PF	0603	Capacitor Ceramic Multilayer, +- 0.25 PF, >10V	
C413	220PF	0603	Capacitor Ceramic Multilayer, +- 0.5 PF, >10V	
C423	2PF	0603	Capacitor Ceramic Multilayer, +- 0.25 PF, >10V	
C424	3300PF	0603	Capacitor Ceramic Multilayer, +-10%, >10V	
R409	33R	0603	Resistor Metal Film, 5%, 1/16W	
R401	360R	0603	Resistor Metal Film, 5%, 1/16W	
L400	39NH	1008	TriTron - Wirewound Inductor, 10%, DCR < 2.0 ohm	
C421	470PF	0603	Capacitor Ceramic Multilayer, +-10%, >10V	
C411	4PF	0603	Capacitor Ceramic Multilayer, +- 0.25 PF, >10V	
C418	4PF	0603	Capacitor Ceramic Multilayer, +- 0.25 PF, >10V	

C416	5PF	0603	Capacitor Ceramic Multilayer, +- 0.25 PF, >10V		
C419	5PF	0603	Capacitor Ceramic Multilayer, +- 0.25 PF, >10V		
C420	5PF	0603	Capacitor Ceramic Multilayer, +- 0.25 PF, >10V		
R403	6.8K	0603	Resistor Metal Film, 5%, 1/16W		
R402	620R	0603	Resistor Metal Film, 5%, 1/16W		
C426	68PF	0603	Capacitor Ceramic Multilayer, +-10%, >10V		
C427	68PF	0603	Capacitor Ceramic Multilayer, +-10%, >10V		
C430	68PF	0603	Capacitor Ceramic Multilayer, +-10%, >10V		
C431	68PF	0603	Capacitor Ceramic Multilayer, +-10%, >10V		
C433	68PF	0603	Capacitor Ceramic Multilayer, +- 0.5 PF, >10V		
C435	68PF	0603	Capacitor Ceramic Multilayer, +80%-20%, >10V		
C414	8PF	0603	Capacitor Ceramic Multilayer, +- 0.5 PF, >10V		
C417	8PF	0603	Capacitor Ceramic Multilayer, +- 0.5 PF, >10V		
C434	8PF	0603	Capacitor Ceramic Multilayer, +- 0.5 PF, >10V		
Q400	BFP450E6327	SOT343	Infineon - BJT Transistor	INFINEON	BFP45
C428	DNP	0603			
C436	DNP	0603			
R406	DNP	0603			
U400	ML2722DH	QFP32	Micro Linear - RF Transceiver	MICROLINEAR	ML272
D400	SMP1322-016	SOT143	Skyworks - Dual Pin Diode	SKYWORKS	SMP13
L401	Strip Line	Printed Inductor	Printed Inductor		
L402	Strip Line	Printed Inductor	Printed Inductor		
L403	Strip Line	Printed Inductor	Printed Inductor		
L404	Strip Line	Printed Inductor	Printed Inductor		
L408	Strip Line	Printed Inductor	Printed Inductor		
L409	Strip Line	Printed Inductor	Printed Inductor		
PCB	RF PA PCB		TOK-2-090111-G3.05		
PCB	Antenna PCB		TOK-2-090211-G2.00		