

Figure 1. MRFG35010ANT1 Test Circuit Schematic — 750 MHz

Table 1. MRFG35010ANT1 Test Circuit Component Designations and Values — 750 MHz

Part	Description	Part Number	Manufacturer
C1, C19	100 pF Chip Capacitors	ATC600F101JT250XT	ATC
C2	12 pF Chip Capacitor	ATC600F120JT250XT	ATC
C3, C16	10 pF Chip Capacitors	ATC100A100JP150XT	ATC
C4, C15	100 pF Chip Capacitors	ATC100A101JP150XT	ATC
C5, C14	100 pF Chip Capacitors	ATC100B101JP500XT	ATC
C6, C13	1000 pF Chip Capacitors	ATC100B102JP50XT	ATC
C7, C12	0.1 μ F Chip Capacitors	CDR33BX104AKWS	Kemet
C8, C11	39K pF Chip Capacitors	ATC200B393KP50XT	ATC
C9, C10	22 μ F, 35 V Tantalum Capacitors	T491X226K035AT	Kemet
C17	1.8 pF Chip Capacitor	ATC600F1R8BT250XT	ATC
C18	8.2 pF Chip Capacitor	ATC600F8R2BT250XT	ATC
C20	22 pF Chip Capacitor	ATC600F220JT250XT	ATC
R1	51 Ω , 1/10 W Chip Resistor	RM73B1JT510J	KOA Speer
R2	5.1 Ω , 1/8 W Chip Resistor	CRCW08055R10JNEA	Vishay
Q1	Power GaAs FET Transistor	MRFG35010ANT1	Freescale

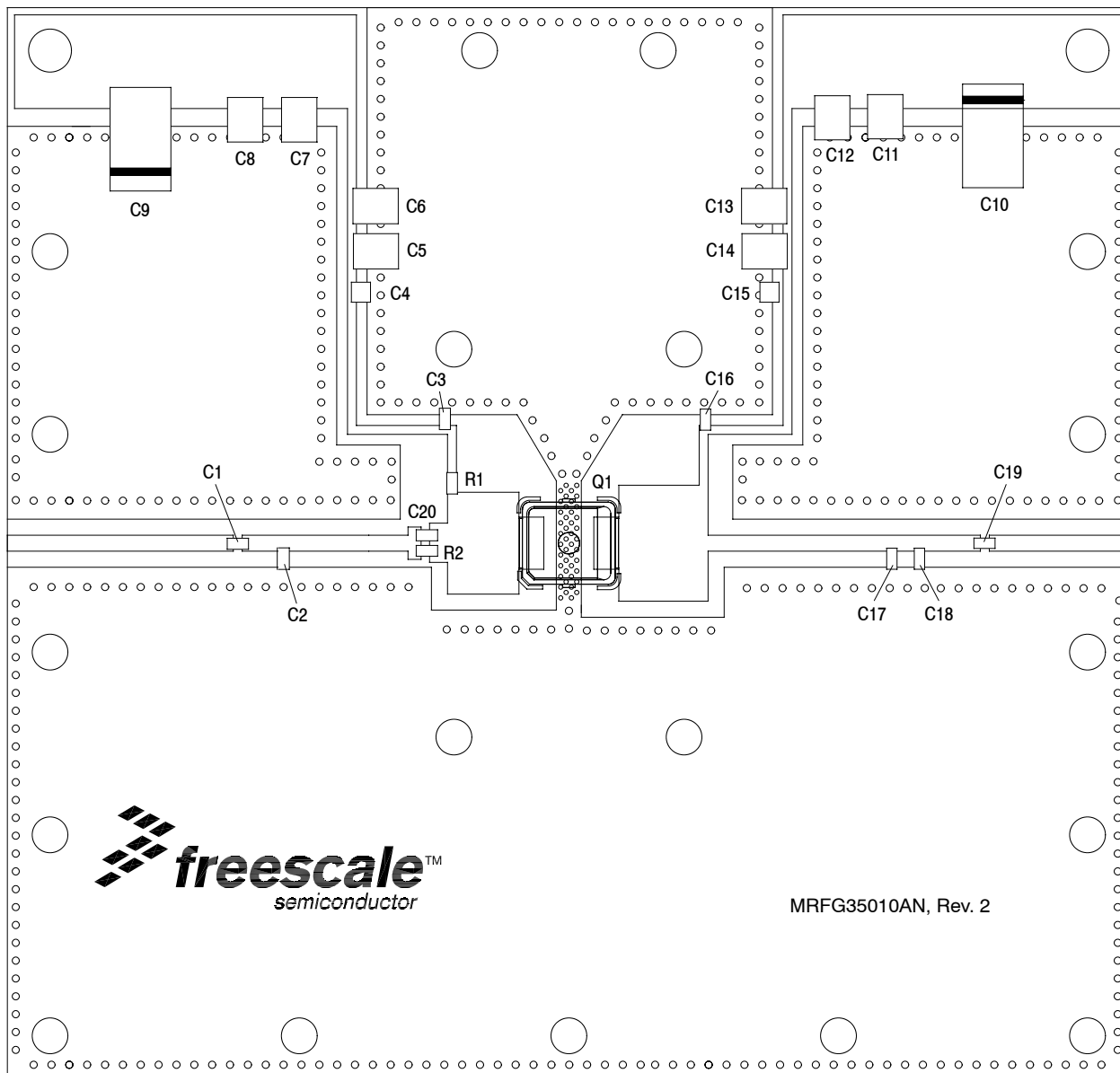


Figure 2. MRFG35010ANT1 Test Circuit Component Layout — 750 MHz

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