

Brief description of circuit functions for the  
FCC ID: T5N417  
5-10-2006

The M417 circuit board is designed to go into Fantastic vents Model 6600 RF exhaust fan.

- 1) The MC417 function is to control the fan speed through switches, LED's, & thermistors.
  - 2) The last function is the communications to the MC107 remote. To implement this a Freescale transceiver MC13191 was implemented.
- Power supply: 3VDC (2-AA's)
  - 16 MHz crystal reference oscillator
  - Operating Frequency: 2.405GHz
  - Antenna: Printed Circuit board strip Line (Internal) Ground referenced to Battery ground
  - Offset-Quadrature Phase Shift Keying (O-QPSK) data in 2.0 MHz channels with 5.0 MHz channel spacing.