

SCHEMATIC DIAGRAMS

The following schematic diagrams show circuit connectivity. There will be no service manual.

Exhibit 6a—Block Diagram

Exhibit 6b- Harmonic Filter and Antenna Switch

Exhibit 6c - Transmit Power Amplifier.

Exhibit 6d- Voltage Control Oscillator.

Exhibit 6e- Reference Oscillator.

Exhibit 6f-ULTZIF.

EXHIBIT 6

[illegible][illegible]

[illegible]

The schematic diagram illustrates the internal circuitry of the Motorola MC146818 Real Time Clock (RTC). The circuit is powered by a 3.3V supply (VCC) and includes a 32.768 kHz crystal resonator (L683) connected to pins 1 and 2. The circuit features a series of resistors (R601-R698) and capacitors (C601-C606) that provide timing and biasing for the internal logic. Key components include a 100k resistor (R601) and a 6.1kF capacitor (C605) connected to pin 3 (VCC), a 100k resistor (R602) and a 6.1kF capacitor (C604) connected to pin 4 (VCC

Exhibit.6e

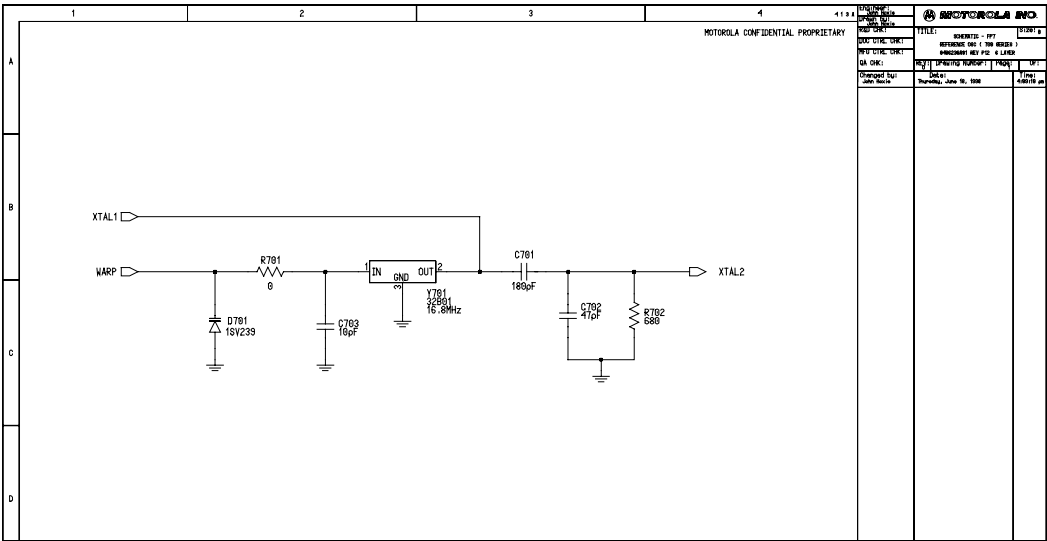


Exhibit.6f

