

### 3.2) PA Technical Design

AM090945SF-1H is a single-stage power amplifier, which provides amplification from 895MHz to 905MHz with 9dB minimum gain. Figure 2 shows the overall block diagram of the module and Figure 3 shows a photo of the module internal SMT assembly.

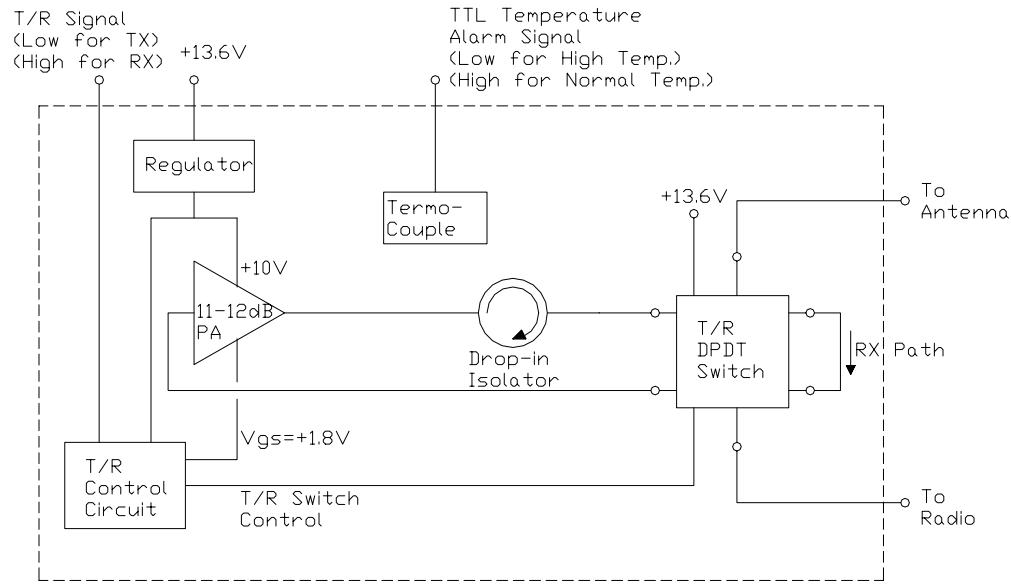


Figure 2: AM090945SF-1H Module Top Level Schematic