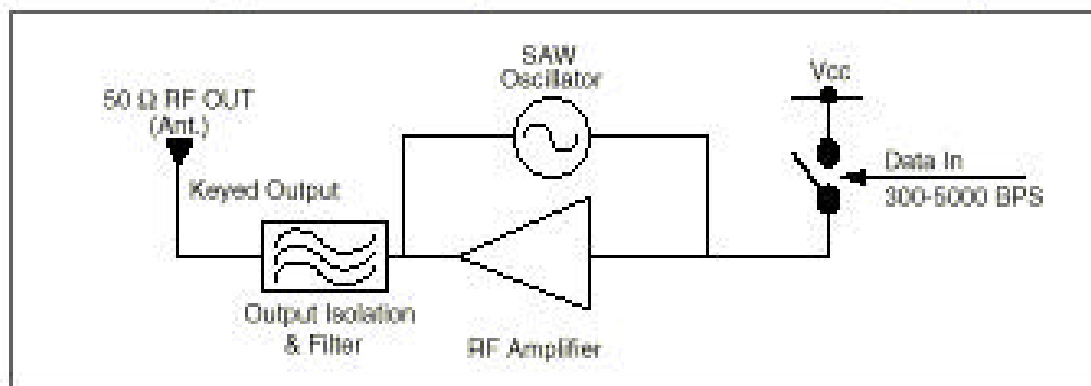


## MODULE DESCRIPTION

The LC-TXM is a low-cost, high-performance SAW-(Surface Acoustic Wave) based CPCA (Carrier-Present Carrier-Absent) transmitter capable of sending serial data at up to 5,000 bits/second. The LC's compact surface-mount package integrates easily into existing designs and is equally friendly to prototype and volume production. The LC's ultralow power consumption makes it ideally suited for battery powered products. When combined with a Linx LC series receiver a reliable RF link capable of transferring data over line-of-sight distances in excess of 300 feet (90M) is formed.



*figure 11: LC Series Transmitter Block Diagram*