RF ID Full Duplex Tag

Part numbers link to product information

Downlink 2.44 GHz DSS
Uplink 5.8 GHz DSS + ESN Bits

1680 MHz

PLL

µController

Ref 10 MHz

Clock

VTUNE

Gain Block

Gain Block

Lo Path

BPF

Demodulator

Control from PIC

Lithium Cells

Lo Path X2 Fo (3360 MHz)

5800 MHz

Uplink

BPF

LPF

2440 MHz Downlink

Patch Antenna

Patch Antenna

10 MHz

Serial Interface

Power Control

BPSK Control