IRIG/PSS signals from the JBOX

Relative to the RCM boards IRIG/PPS signals from the JBOX Pulse in will go from +5V to -3V and get clamped to ground by D2.

There is a continuous .25V drop between the VCC and the Zener D3

at the end of the pulse it would overshoot to +6.1V so I decided to clamp it with a zener (microseconds)

Clamps -3V to GND

Clamps +8V to +5V

Versio M 3