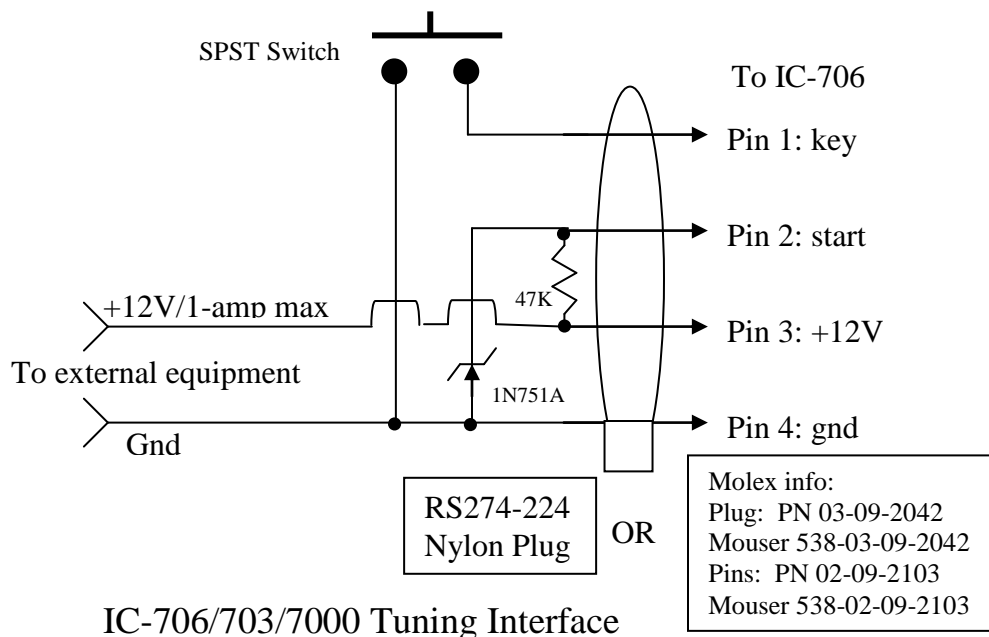


IC-706/703/7000 Tuning Control  
Phil Salas – AD5X

This is the tuning interface I use with my IC-706MKIIG and IC-703. It also works with any of the IC-706 and IC-703 series radios, as well as the IC-7000. The circuit is very simple. Rather than use the “tune” button on the radio, I use a momentary SPST pushbutton switch as shown, though obviously a toggle or slide switch could also be employed. The 47K resistor between connector pins 2 and 3 “tells” the IC-706G that a tuner is connected. The 1N751A zener clamps the voltage to 5VDC (required by the IC-7000, but also works fine on the IC-706/703). The resistor and Zener diode mount directly on the Molex plug and are held in place with hot glue. I also provided a 12V output so that you can power external equipment from the IC-706G if desired, as long as the current requirement is less than 1-amp.



Simple IC-706/703/7000 tuning interface