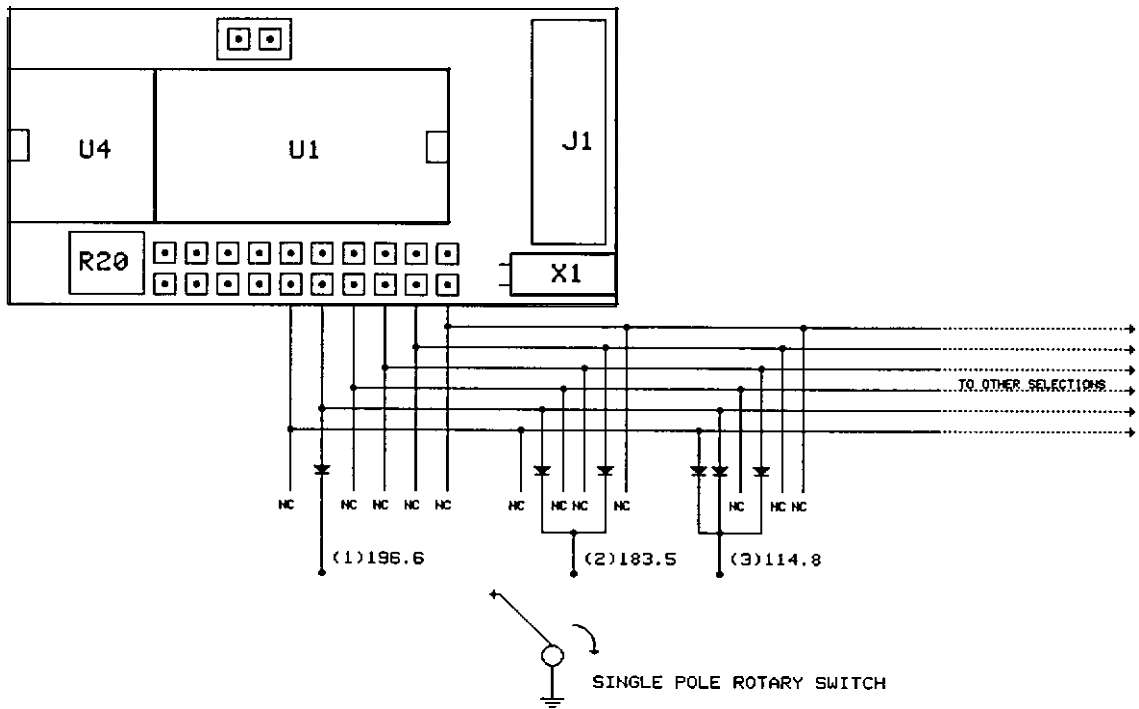


Multiple Tone Selection For TS-64 & TS-64DS

TS-64 DIODE MATRIX EXAMPLE



Multiple tone selection can be achieved with the TS-64 and TS-64DS by using a single pole rotary switch with as many positions as the number of individual tone frequencies required. A small signal diode is added in each leg of the program code that requires a "0" or a ground for programming (see figure above). This example shows three different tones to be selected by a single pole rotary switch. The first tone 196.6 Hz has a single diode with the anode end attached to JP-5 of the TS-64. The second tone 183.5 Hz uses two diodes with the anode end of one diode attached to JP-5 and the anode of the second diode attached to JP-2. The cathode ends of both diodes are tied together to provide a single pull-to-ground line. The third tone uses three diodes to produce 114.8 Hz.

Be sure that the DIP switch on the TS-64DS is in the **OFF** position for changing tones remotely.