

## **Just a few notes on the provided software in THIS DIRECTORY.**

The software package in the github: [T41/T41\\_V012\\_Files\\_01-15-24 at main · DRWJSCHMIDT/T41 \(github.com\)](https://github.com/DRWJSCHMIDT/T41_V012_Files_01-15-24_at_main) Is intended to be test software for building your V012 T41 project... NOT the final software being developed by Jack or the group. It has all of the functionalities for base-level receiving using the new “MAIN” board and “RF” board. Many of the options are not yet supported as detailed below. This list will be updated as options become available.

### **MAIN BOARD**

1. On-Off routine. Currently not active.
2. Muxed Band output nibble. Currently not active.
3. REF and FOR analog lines for a stand-alone line section. Currently not active.

### **FRONT PANEL BOARD**

1. Switch and encoder I2C expansion and operation. John Melton completed 1/1/24.

### **RF BOARD**

2. Routine for Quadrature from si5351 on RF board. Complete and active as of 1/12/23.
3. MF divider option. Currently not active.
4. Auto Cal switch. Currently not active.
5. TX RF Input Attenuator. Currently not active.
6. TX RF Output Attenuator. Currently not active.

### **BFP BOARD**

1. BPF Band Selection. Currently not active.

### **T41 4-BAND LPF**

1. BPF Selection. Active from V011/ Same code.

### **K9HZ 11-BAND LPF**

1. Band Selection. Currently not active.
2. Transverter Option. Currently not active.
3. Power/ SWR. Currently not active.
4. Antenna Selection. Currently not active.
5. BPF selection. Currently not active.
6. 100W Module Option. Currently not active.

### **RF BOARD #2 – SECOND RECEIVER**

1. Routine for Quadrature from si5351 on second RF board. Currently not active.

### **K9HZ 100W Module**

1. Current Monitoring. Currently not active.
2. Bias Set. Current Not Active
3. Temperature monitoring. Currently not active.