# *RLC-ICM*
# *Internal Operation Test Points*

The RLC-ICM ICOM IC900\901 module controller supports on-board function test points. These test points are supported in the software release V1.14. The test points are located towards the center of the interface. Test points are located on connector J10 which is a 5 pin male header connector.

The following signals are present on J10.

| | | |
|---|---|---|
| Pin 1 | - | Transfer complete (Data received without errors) |
| Pin 2 | - | Configuration data received (Set-up data received without errors) |
| Pin 3 | - | Error detected in transfer (Errors were encountered on the RLC-ICM) |
| Pin 4 | - | 1 second pulse output (Indicates program is running) |
| Pin 5 | - | Ground reference |

When any data is sent to the RLC-ICM one of the above pins will change state. The active state is +5v or a (high). More than one state may be present at a time and the states will be active for 10 seconds (Except the 1 second pulse output).

## *Controller interfacing:*

The user can use these pins for feedback to your RLC controller. When a frequency is selected on the interface, and the data was received without errors, pin #1 will go from the low (0v) state to the high (5v) state. When connected to an input line the controller can respond (Remote Base OK) for example. If an error is received during transfer pin #3 will go from the low (0v) state to the high (5v) state. When connected to an input line the controller can respond (Remote Base Error) for example. These lines simply tell the user that the data was received.

These lines can not directly interface to LED's, relays or any current "hungry" device. They are only designed for correct\error detection.

## *Questions or Suggestions:*

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