



**NOTES:** Revision 3 and 4 of this product are the same circuit wise.  
 Revision 4 allows for a 1/4W resistor in location RX, and the silkscreen text was made bolder.  
 The optional Zener diode limits the dissipation of the heater resistors when the board is run from 14 VDC or more.

|                                   |                             |             |
|-----------------------------------|-----------------------------|-------------|
| <h1>Crystal Heater</h1>           |                             |             |
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| Drawn by:<br>Chuck Kelsey, WB2EDY | Rev 3.0 & 4.0<br>March 2016 | Page 1 of 1 |