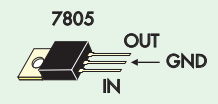
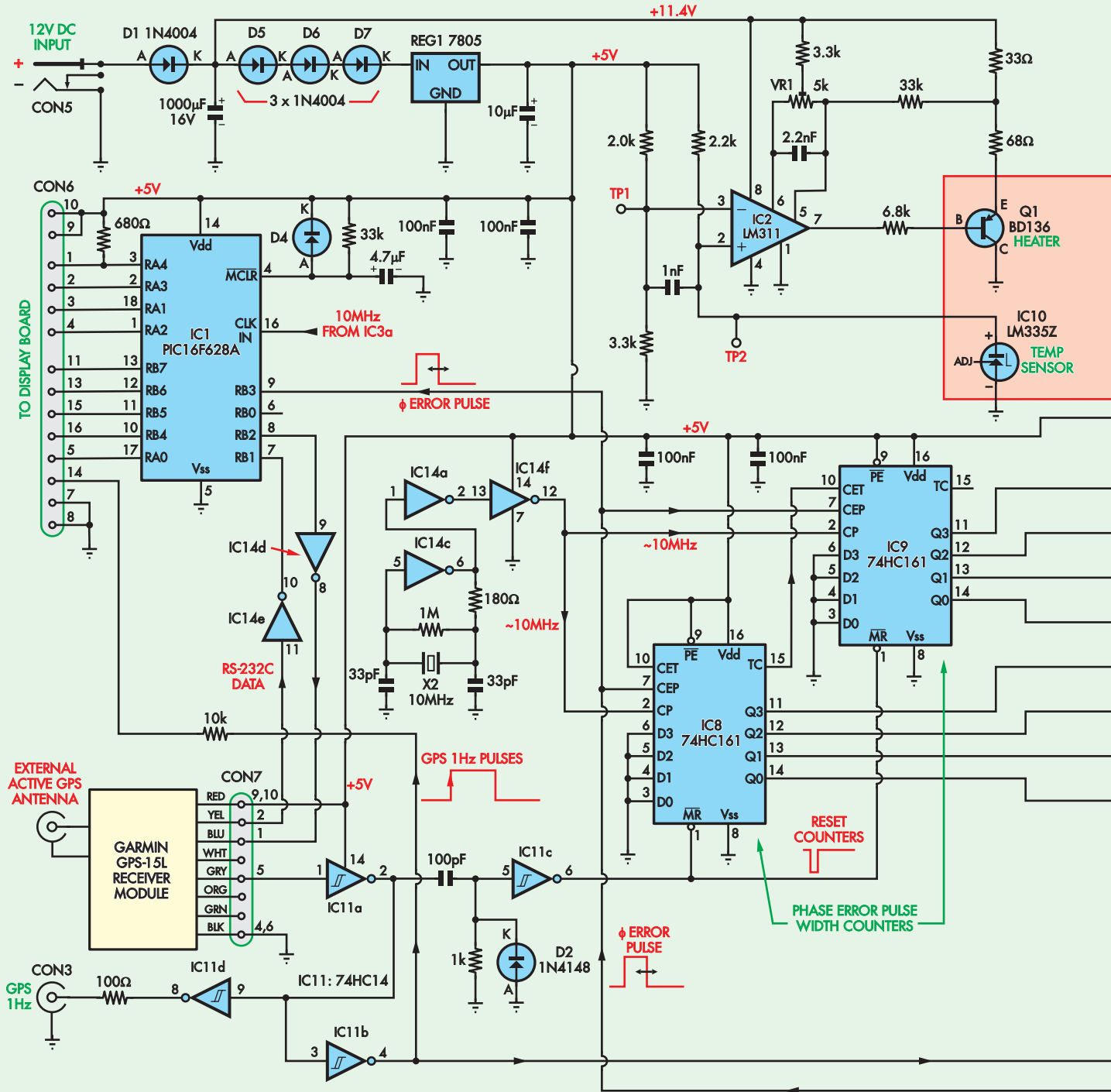


Improved stability for the GPS-Based Frequency Reference

By JIM ROWE

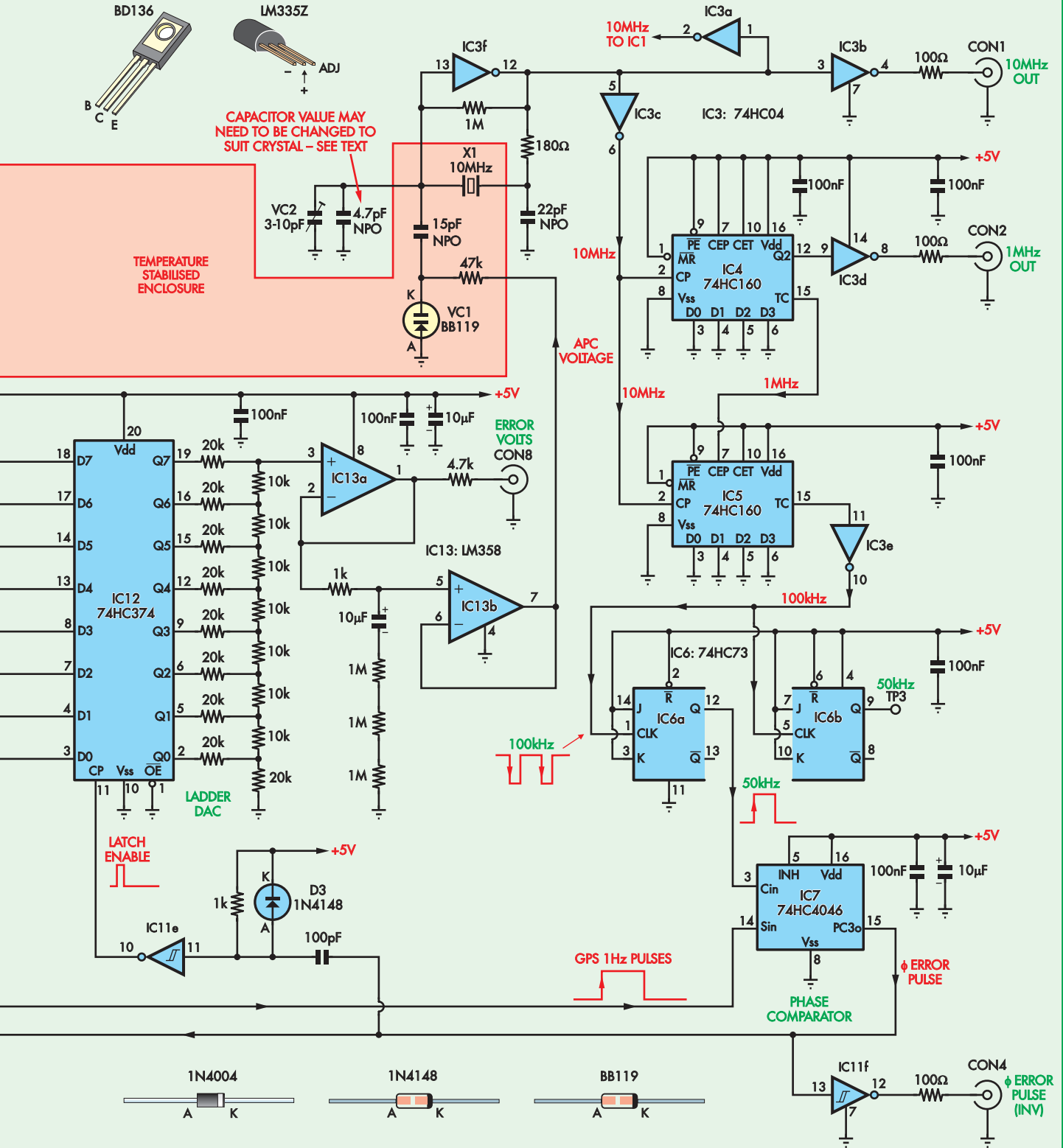


SC ©2007 **GPS-BASED FREQUENCY REFERENCE** MAIN BOARD

THE ARTICLE ON improving the GPS-Based Frequency Reference (SILICON CHIP, September 2011) showed the affected areas only of the circuit diagram and PCB parts layout. To make it easy for new construc-

tors, we have produced a modified PCB for this project coded 04103071. The complete circuit of the revised unit is shown below in Fig.1, while Fig.2 on the following page shows the parts layout for the new board.

Fig.1(below): the circuit for the modified GPS-Based Frequency Reference. The changes to the original circuit were highlighted on page 41 of the September issue of SILICON CHIP.



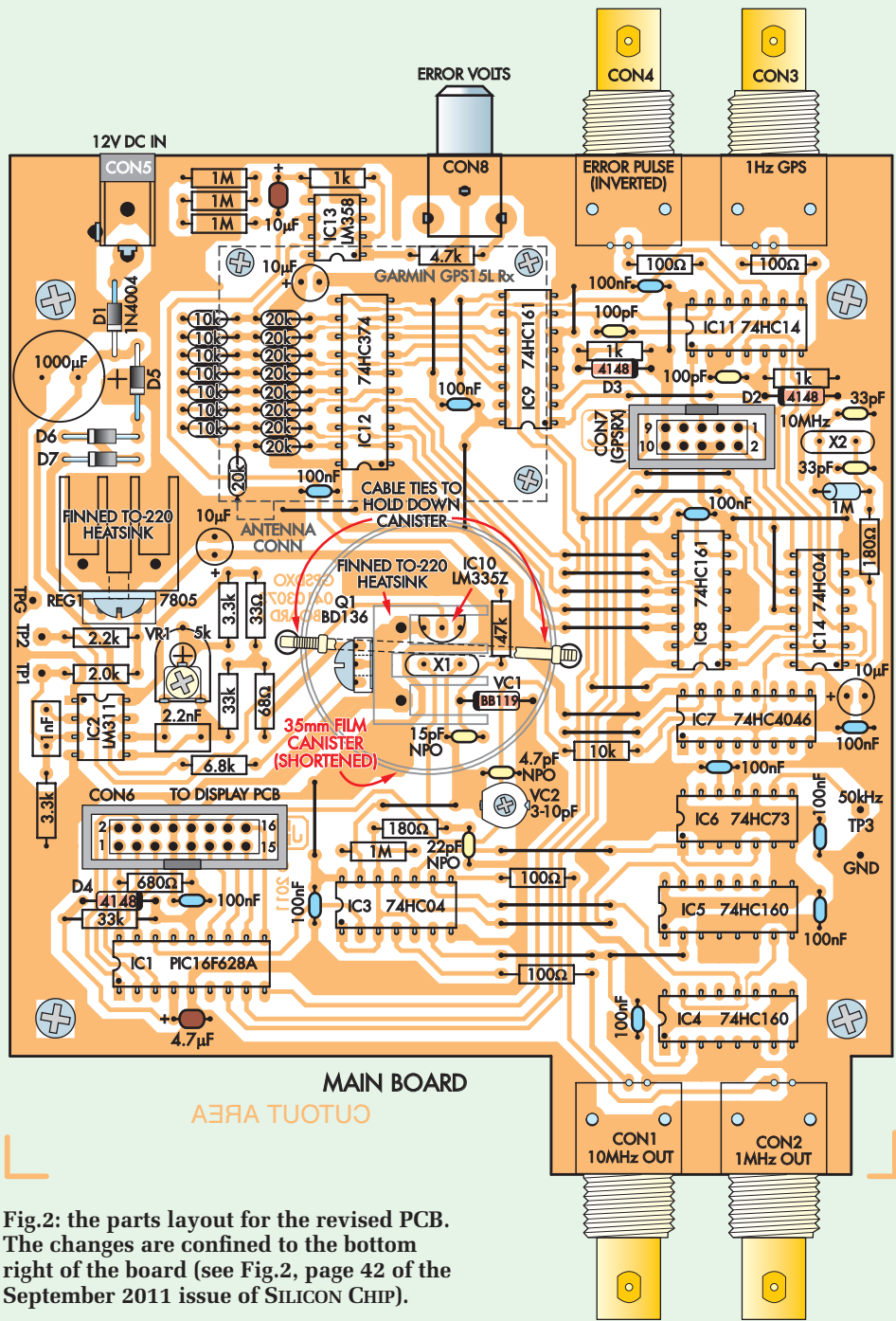


Fig.2: the parts layout for the revised PCB. The changes are confined to the bottom right of the board (see Fig.2, page 42 of the September 2011 issue of SILICON CHIP).