

Honeywell THM4000R1000 update to create model THM4000R1007

The microcontroller has been change from a Texas Instruments MSP430F2370 to a MSP430F5524 to allow for more code space for future software features.

The top layer gerbers show the most significant layout changes. Figure 1 shows the existing product – qualified under FCC HS9-THM4000R01 and IC 573R-THM4000R01. Figure 2 shows the new board layout with the new microcontroller. The new microcontroller required an additional capacitor as a result of the new micro containing an on-board LDO. No other changes to the product were made.

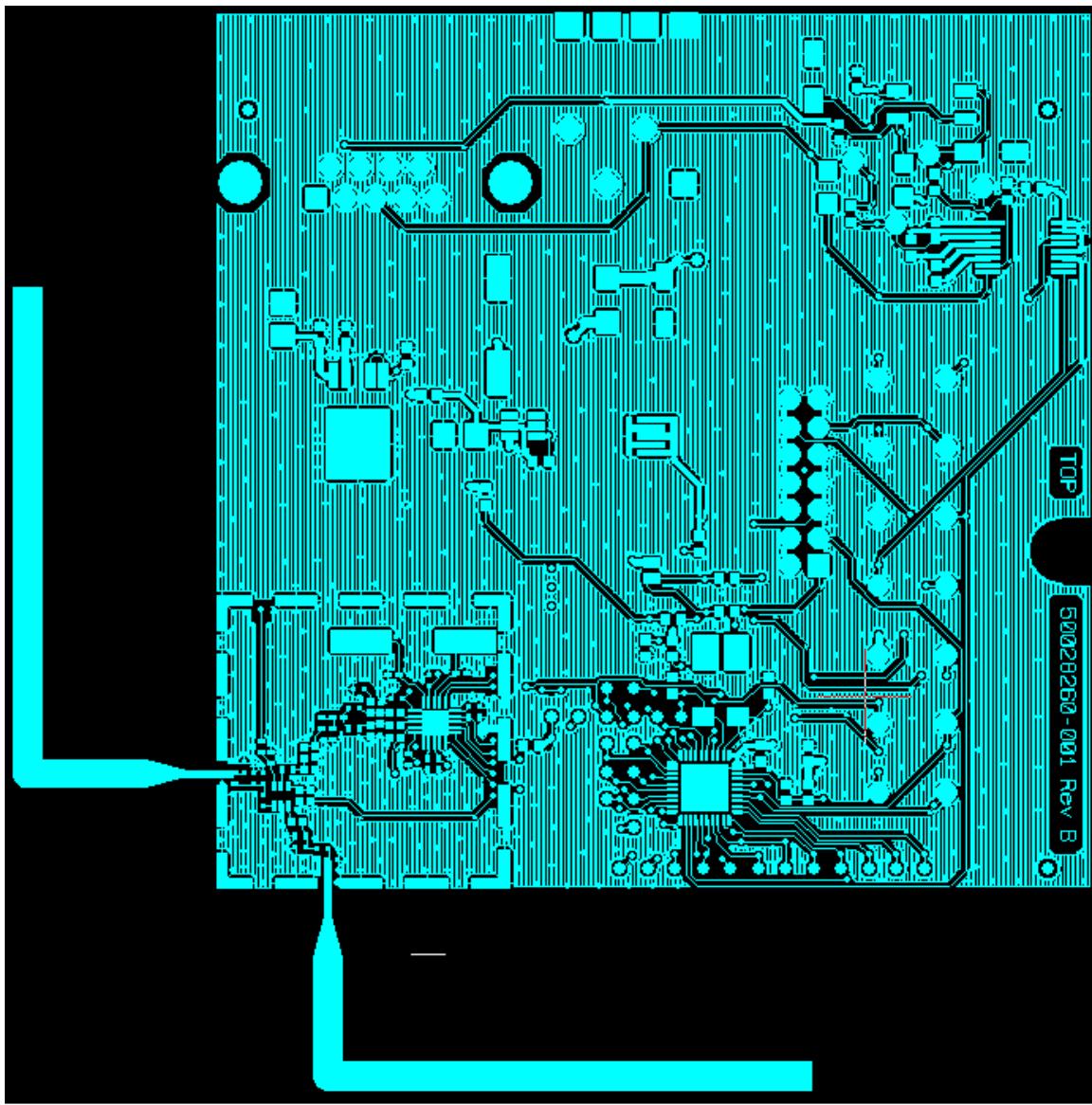


Figure 1

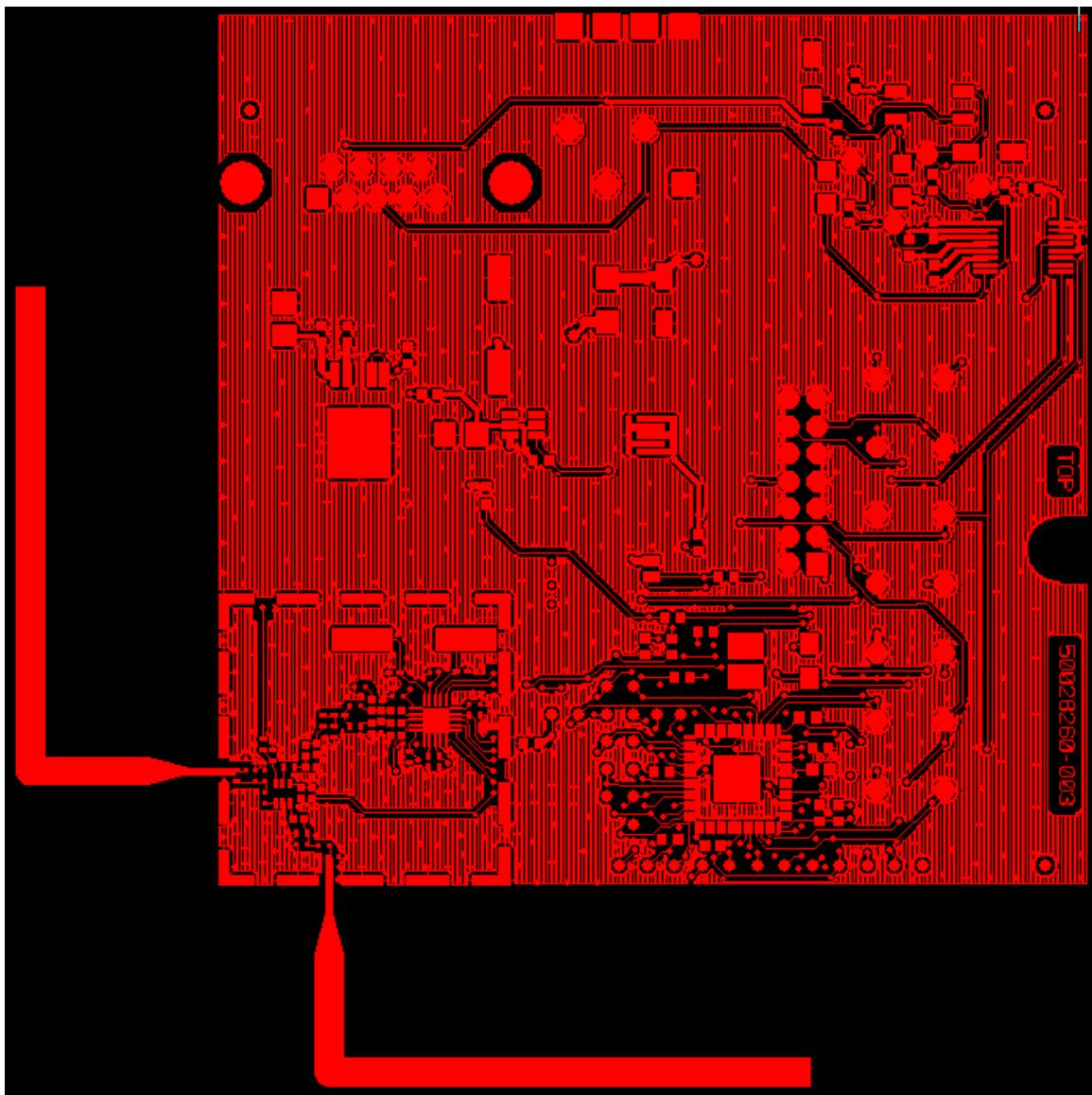
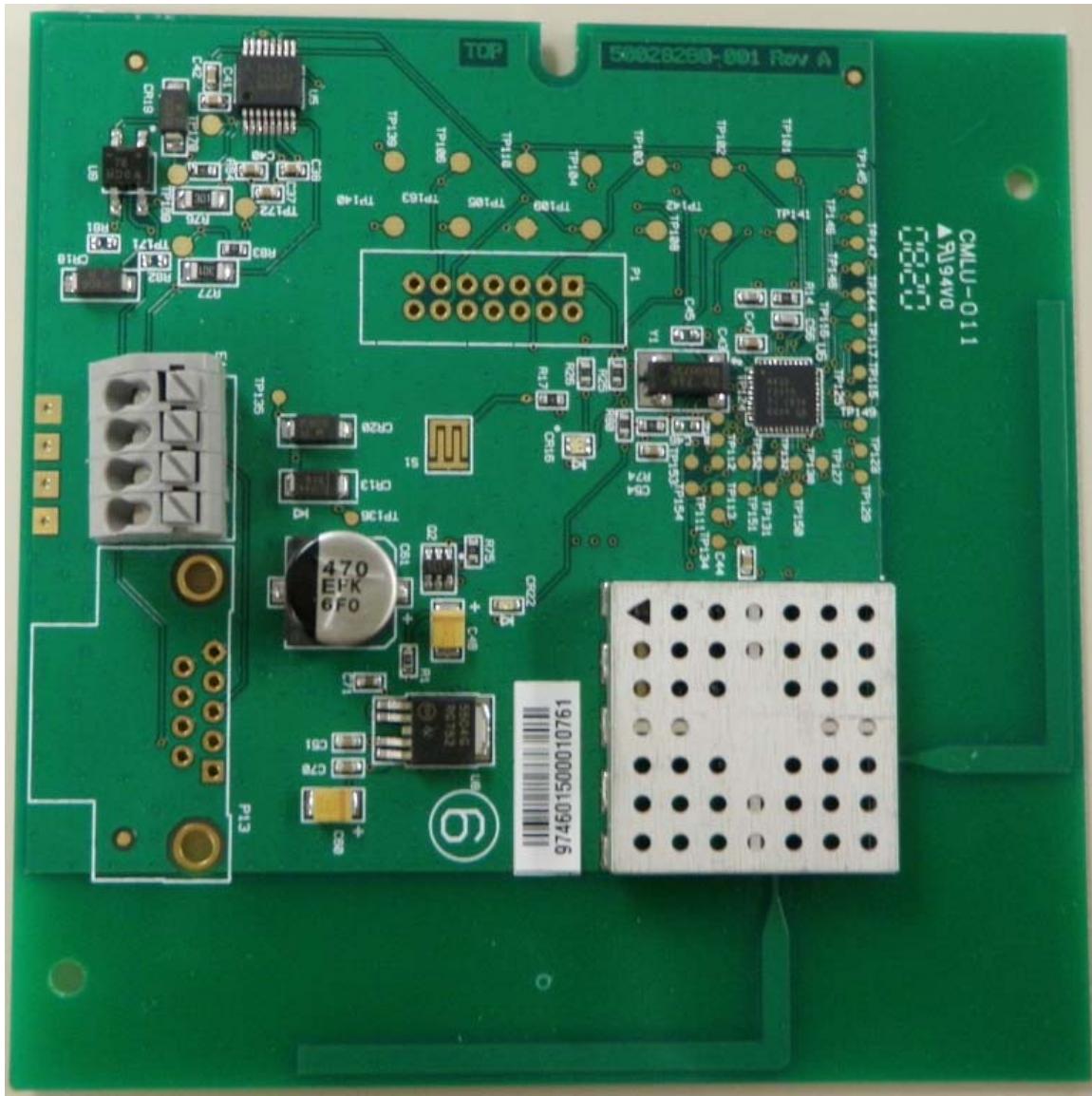
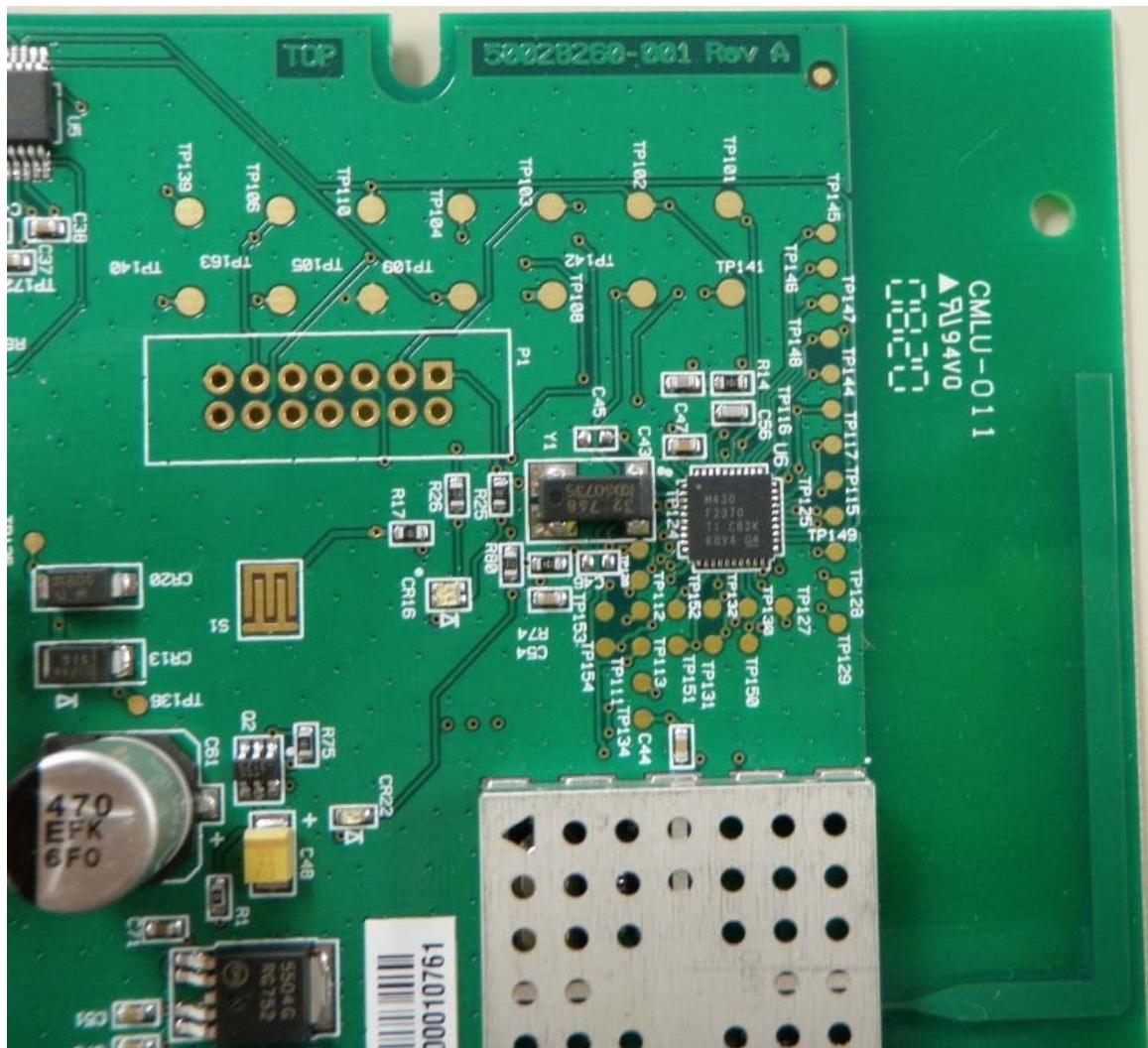


Figure 2

Existing product THM4000R1000





New product THM4000R1007

