

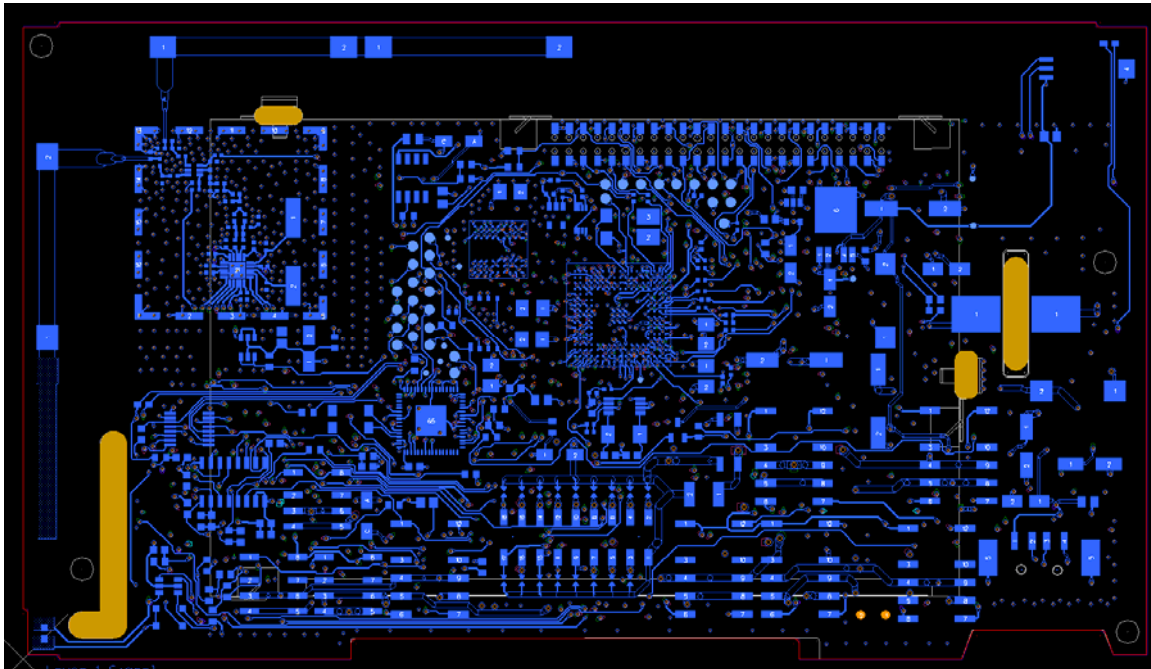
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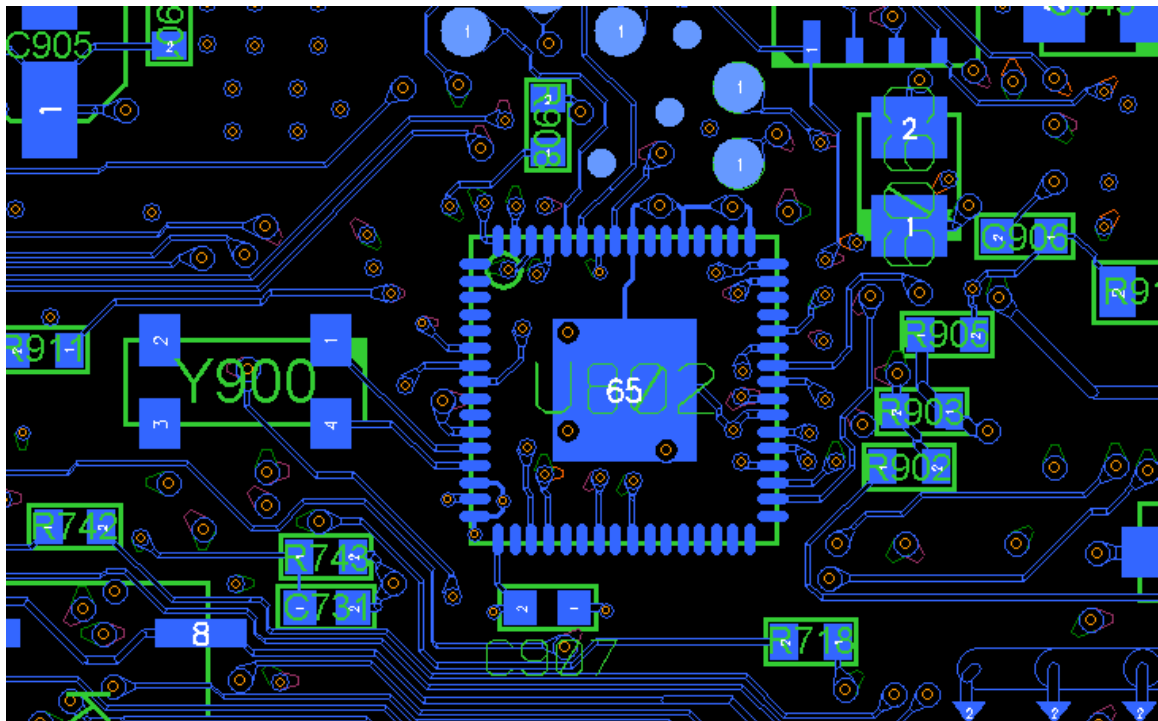
Honeywell THX9321 and THX9421 permissive change.

Both models share the same PWB, Honeywell part number 50051132-001. The old PWB number is 50038417-001.

The companion microcontroller is being changed from a Texas Instruments MSP430F2370 (U900) to a MSP430F5524 (U802) to allow for more code space for future software enhancements. The new microcontroller has more pins than the old so a new layout and re-mapping of the I/O was required. To accommodate the physically larger micro to reside in the same place on the PWB a slightly smaller 32kHz crystal was used (Y900). Care was taken to not disrupt the layout any more than necessary.

New:





OLD:

