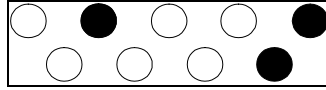


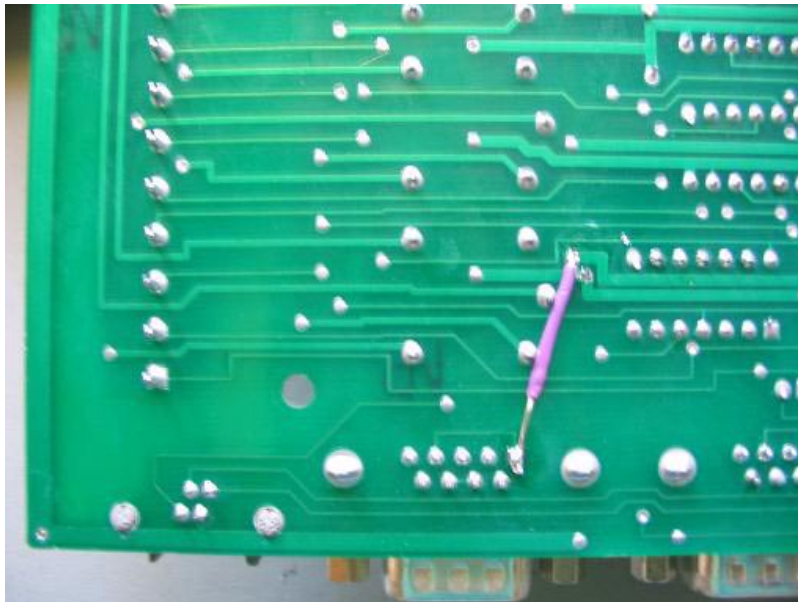
SERIAL PORT MODIFICATION FOR USE WITH Z-WAVE SIM MODULE

The Z-Wave SIM module requires that one of its signals be connected to 5V. The HomeVision serial ports leave this signal disconnected. On HomeVision-Pro ports 3 and 4, HomeVision-Serial, and HomeVision-Phone/Serial, three separate serial port connector pins are connected together, so you can connect 5V to any of these three positions. The three connected pins are shown in the drawing below, as viewed from the circuit board bottom:



HomeVision-Pro

The following photograph of the HomeVision-Pro circuit board bottom shows a connection from a 5V line (a PWB hole) to a serial port 4 connector pin. The same 5V circuit point can also be connected to a serial port 3 connector pin if that port will be used for Z-Wave.



HomeVision-Serial Add-On Port

The following photograph of the HomeVision-Serial circuit board bottom shows a connection from a 5V line to a serial port connector pin:

