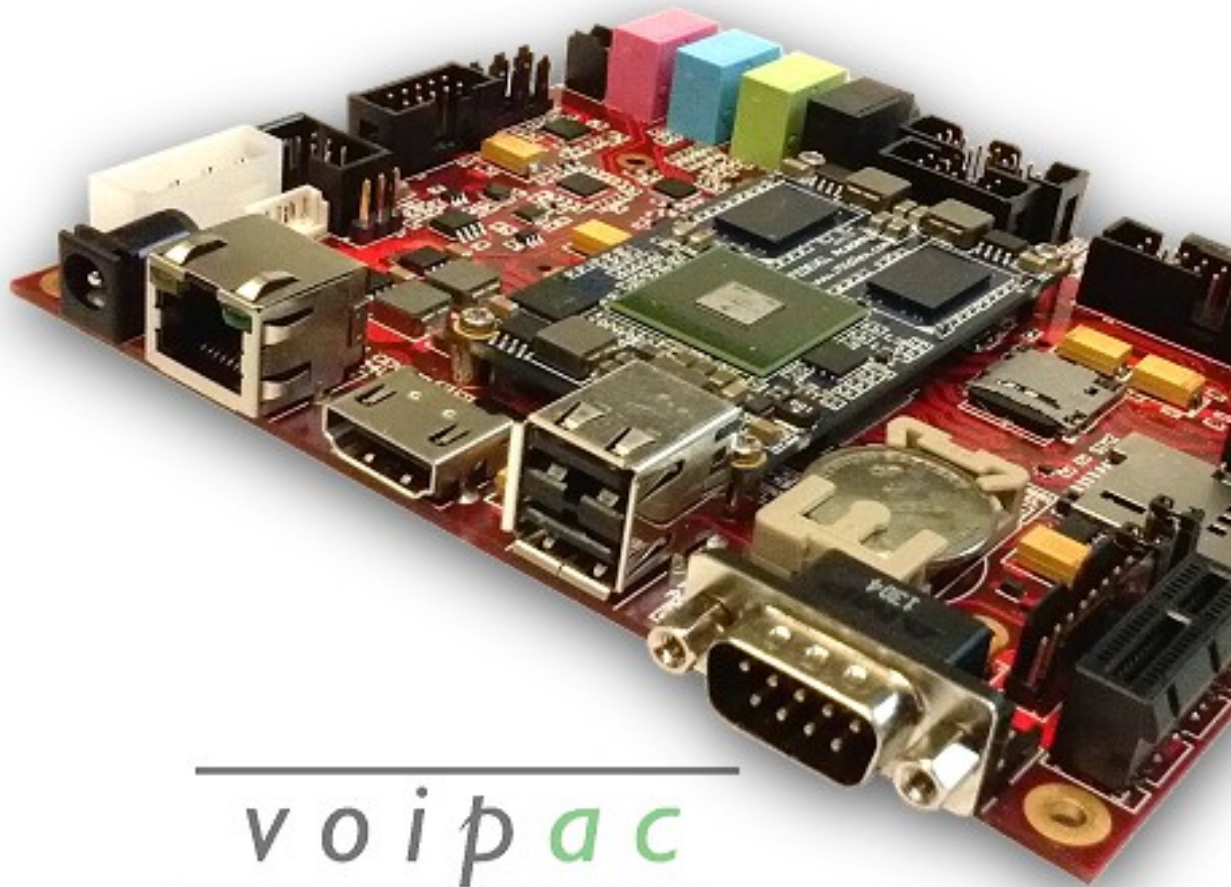


iMX6 Rex

Getting Started



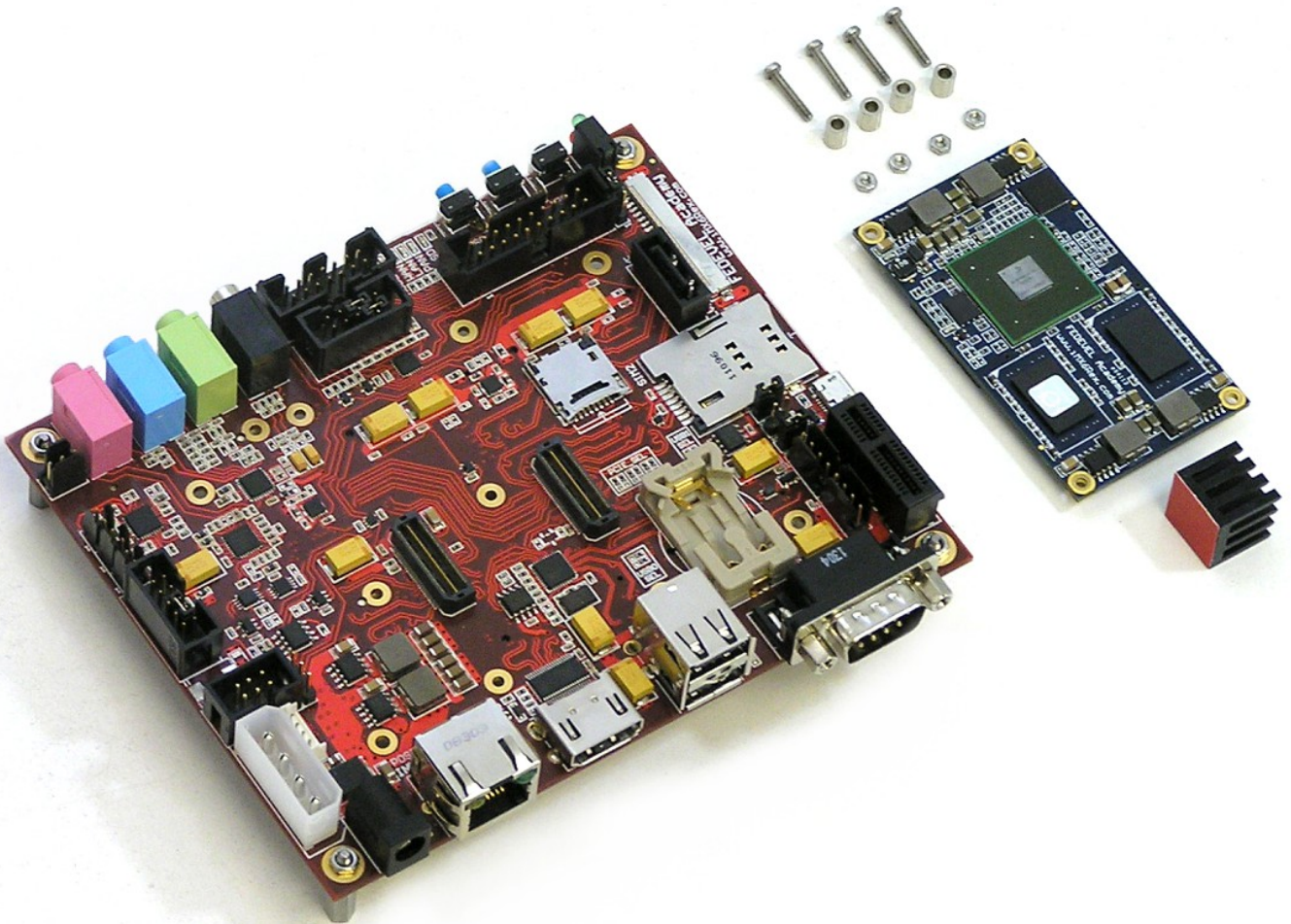
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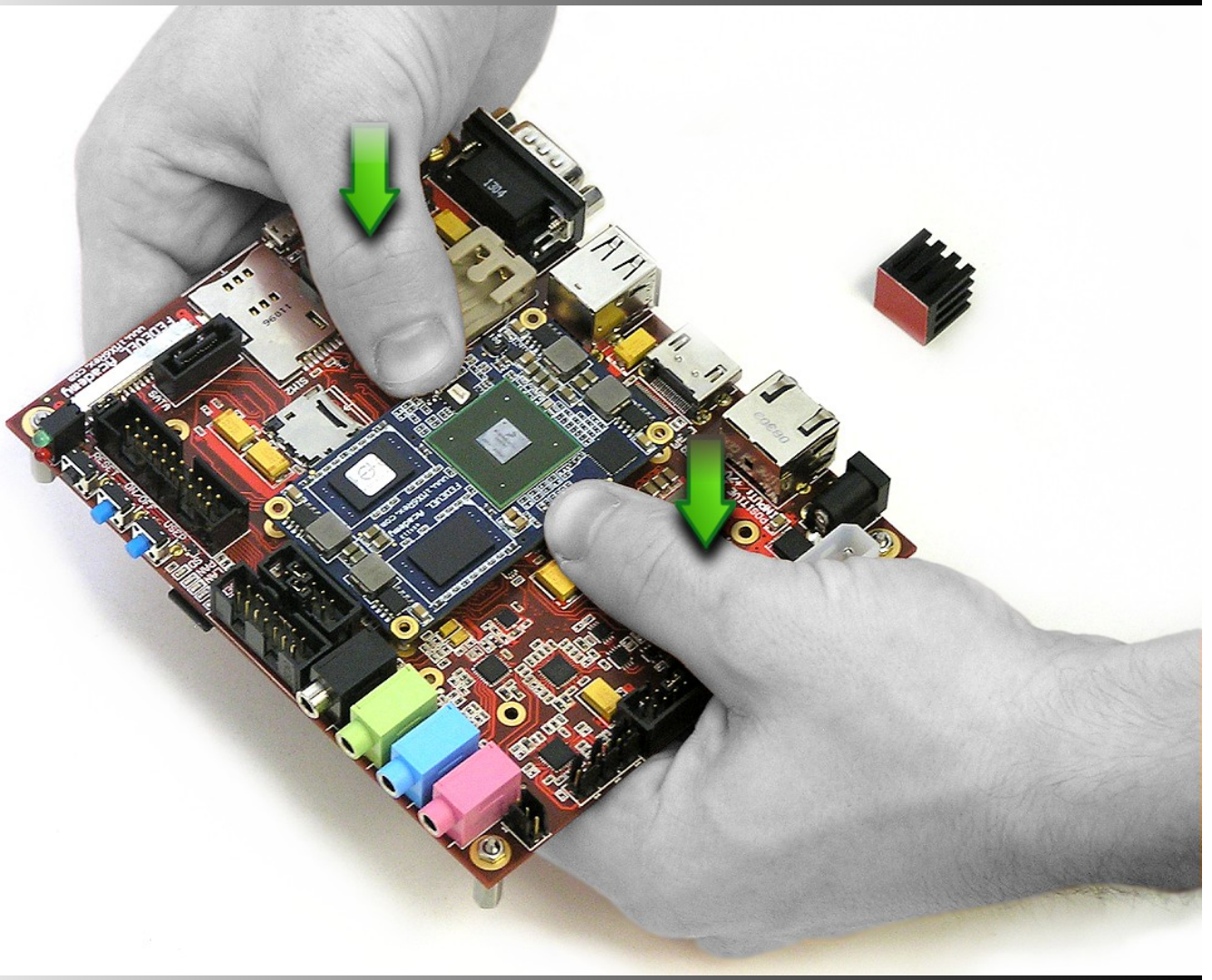


These steps will help you to power up your iMX6 Rex development kit for the very first time.

1.Plug the module into the baseboard

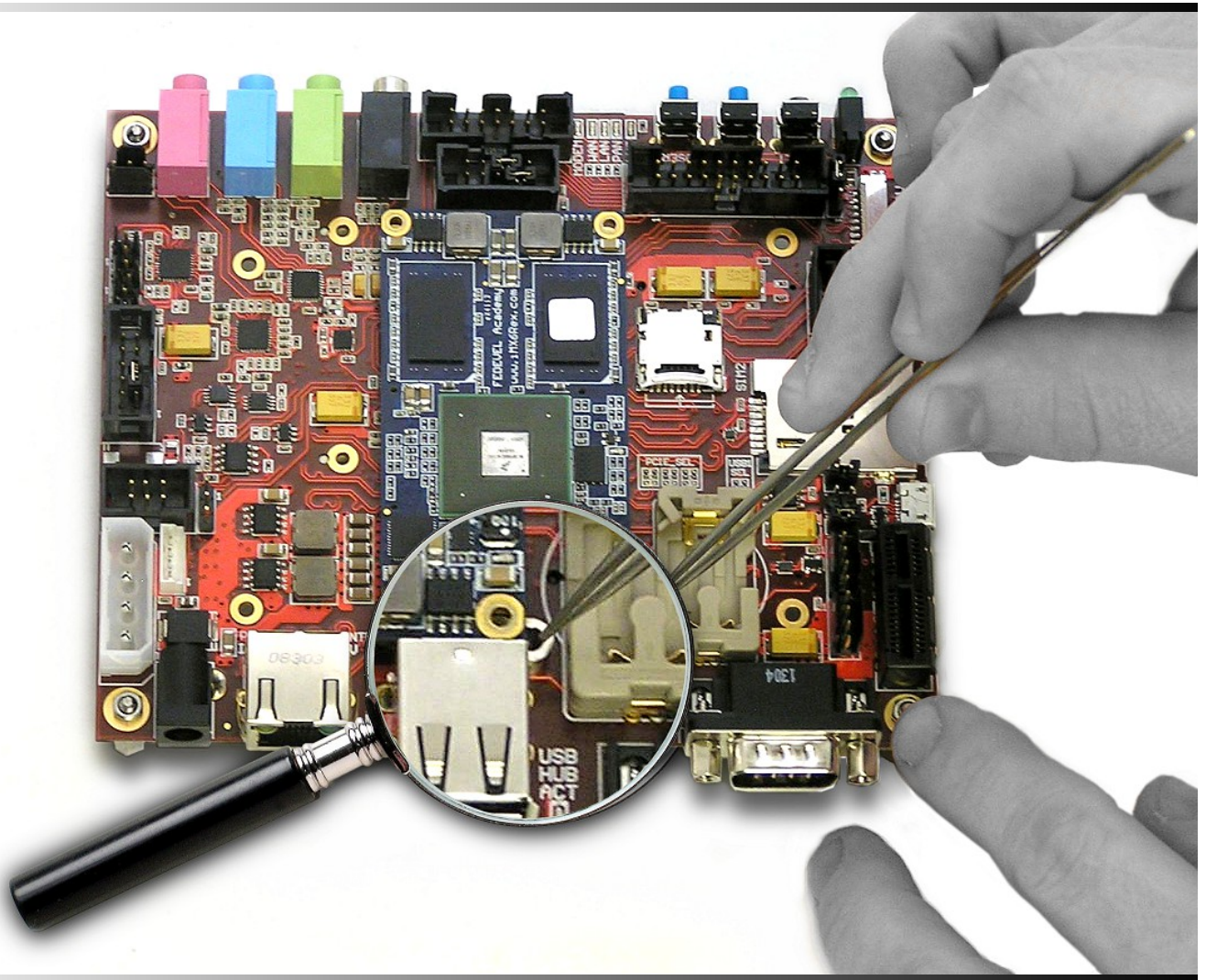


The important parts to build the kit

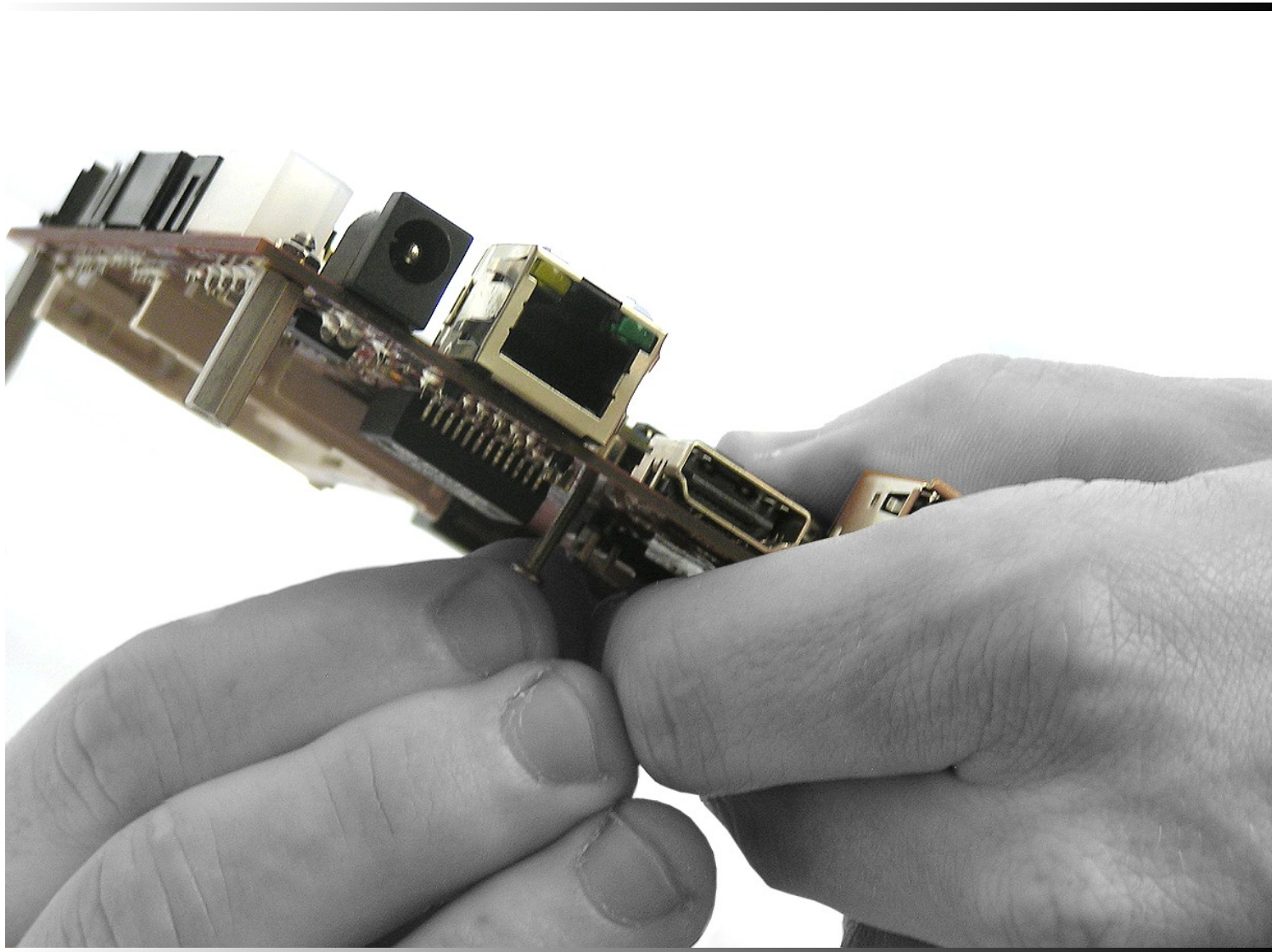


Notice the position of the thumbs

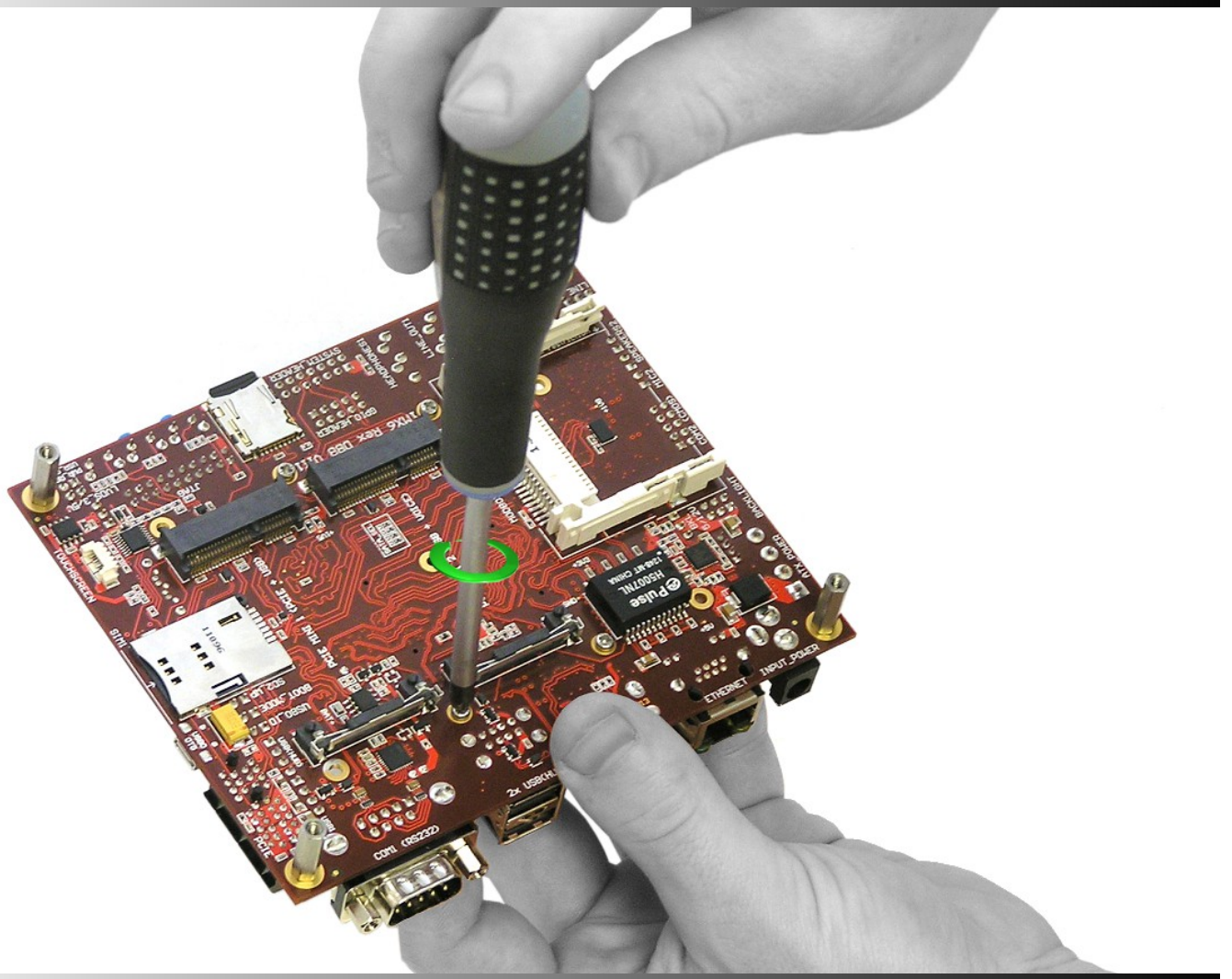
2.Add spacers and tight up all the four screws



Notice how the spacer is moved between the module and baseboard

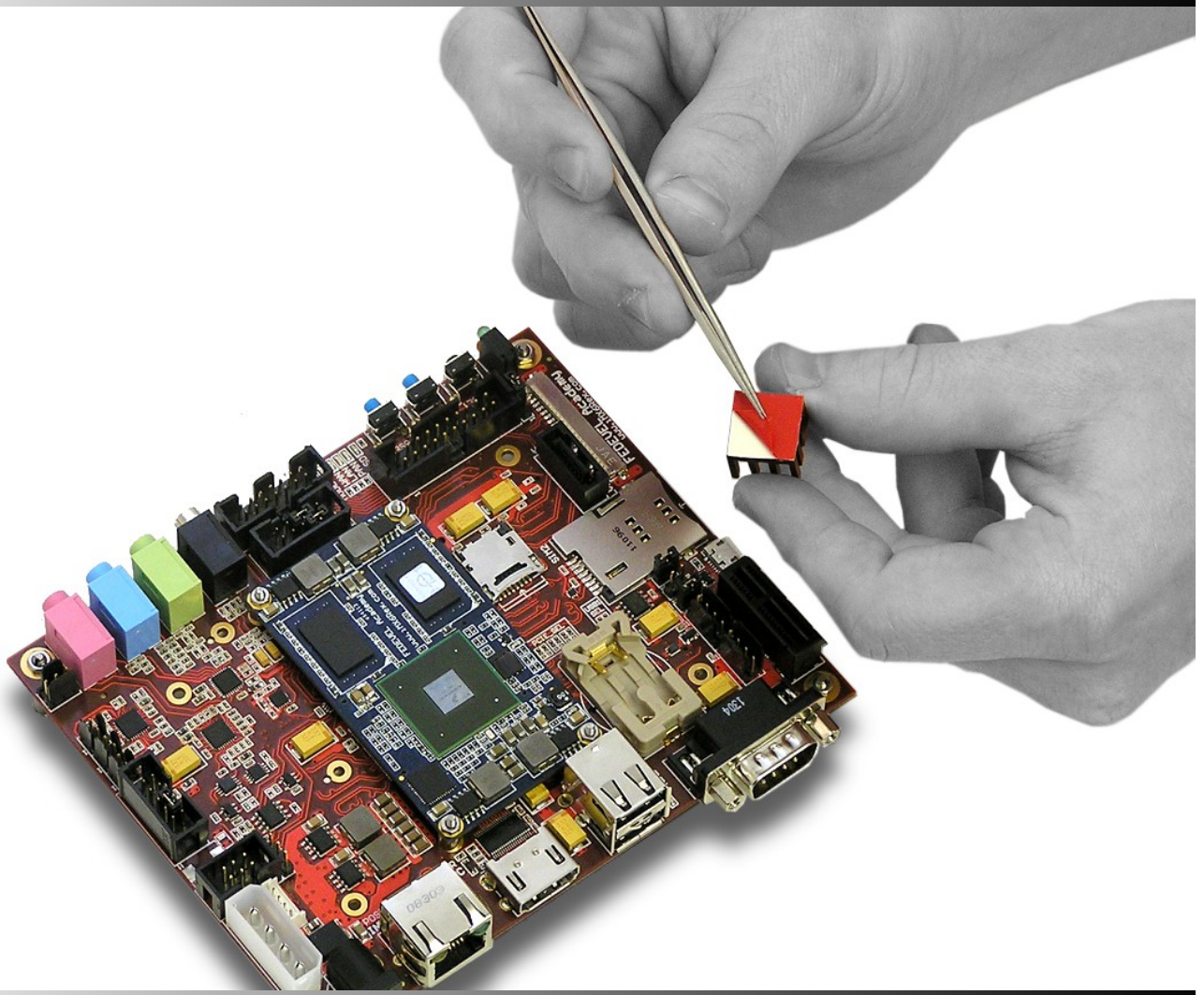


Plug a screw into the mounting hole and secure it with a nut.

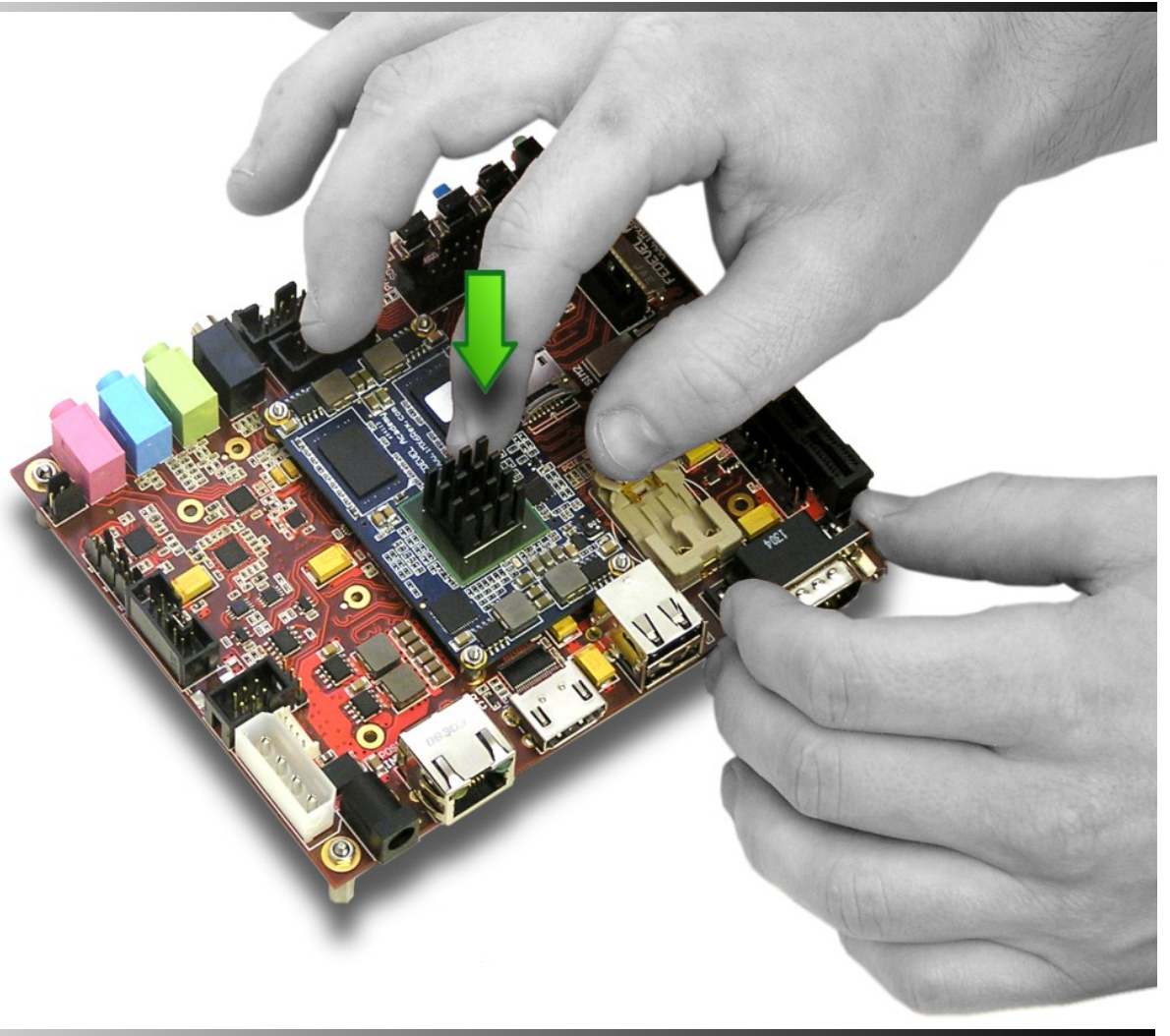


Use a screwdriver to tighten it up.

3.Place the Heatsink

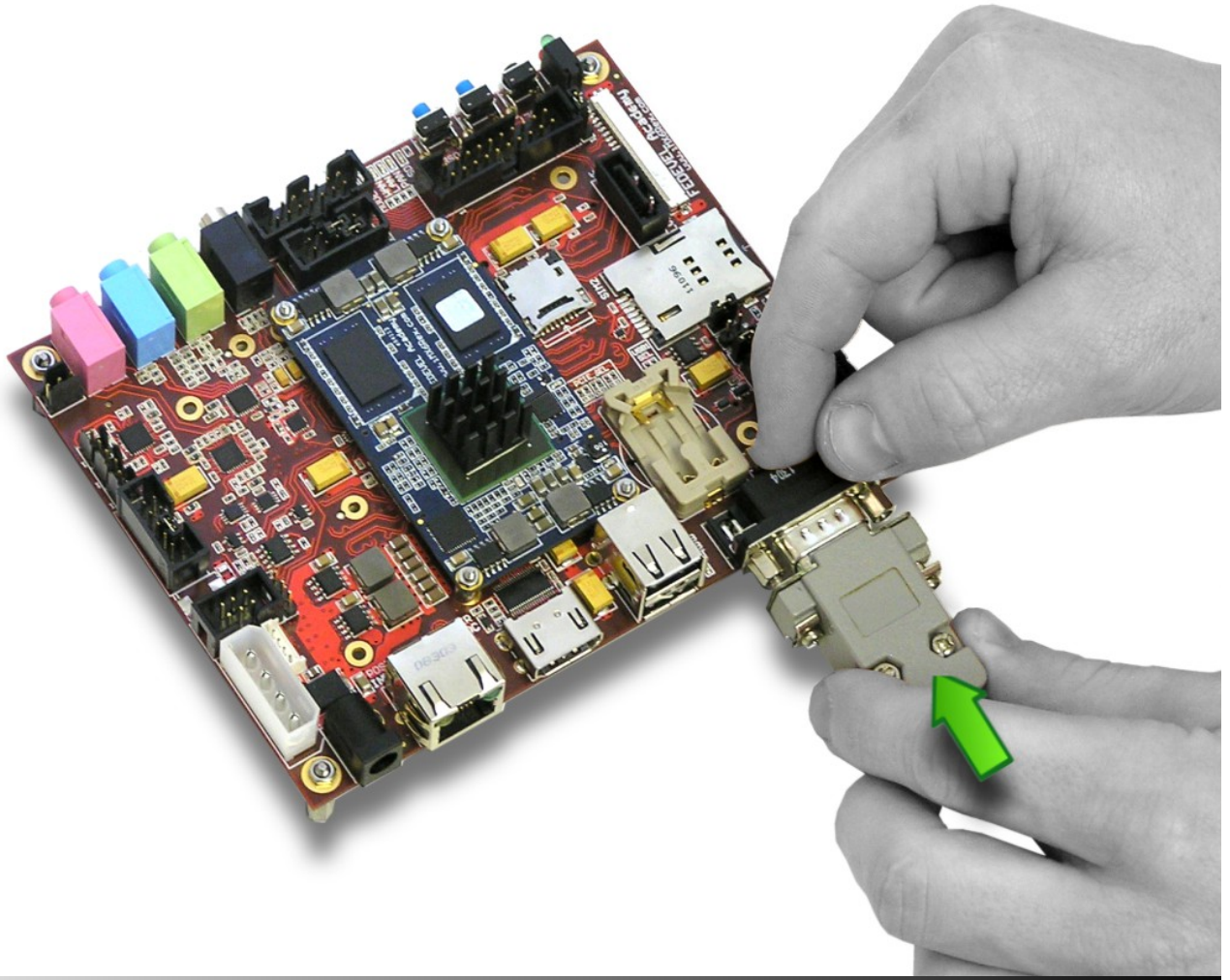


Remove the red protection foil from the heatsink.



Place the heatsink on the top of the processor.

4. Connect Serial Cable



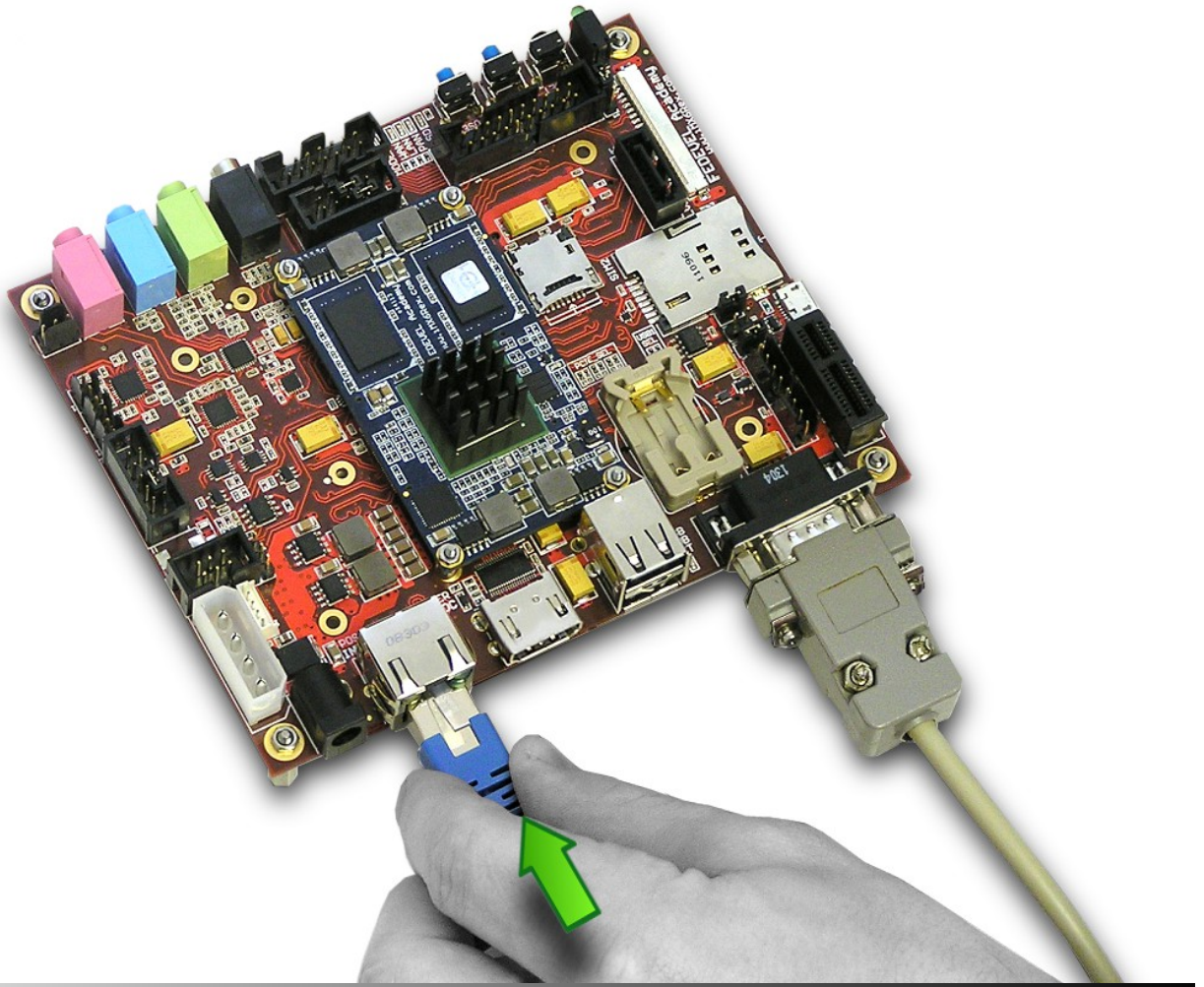
Connect the iMX6 Rex RS232 serial port to your computer.

Use the cable from development kit (it has to be a null modem cable with crossed wires). Run Hyperterminal (or download and use [Tera Term](http://logmett.com/tera-term-the-latest-version) at: <http://logmett.com/tera-term-the-latest-version>).

Set the following serial port parameters:

Baud rate: 115200
Data: 8
Parity: none
Stop bit: 1
Flow control: none.

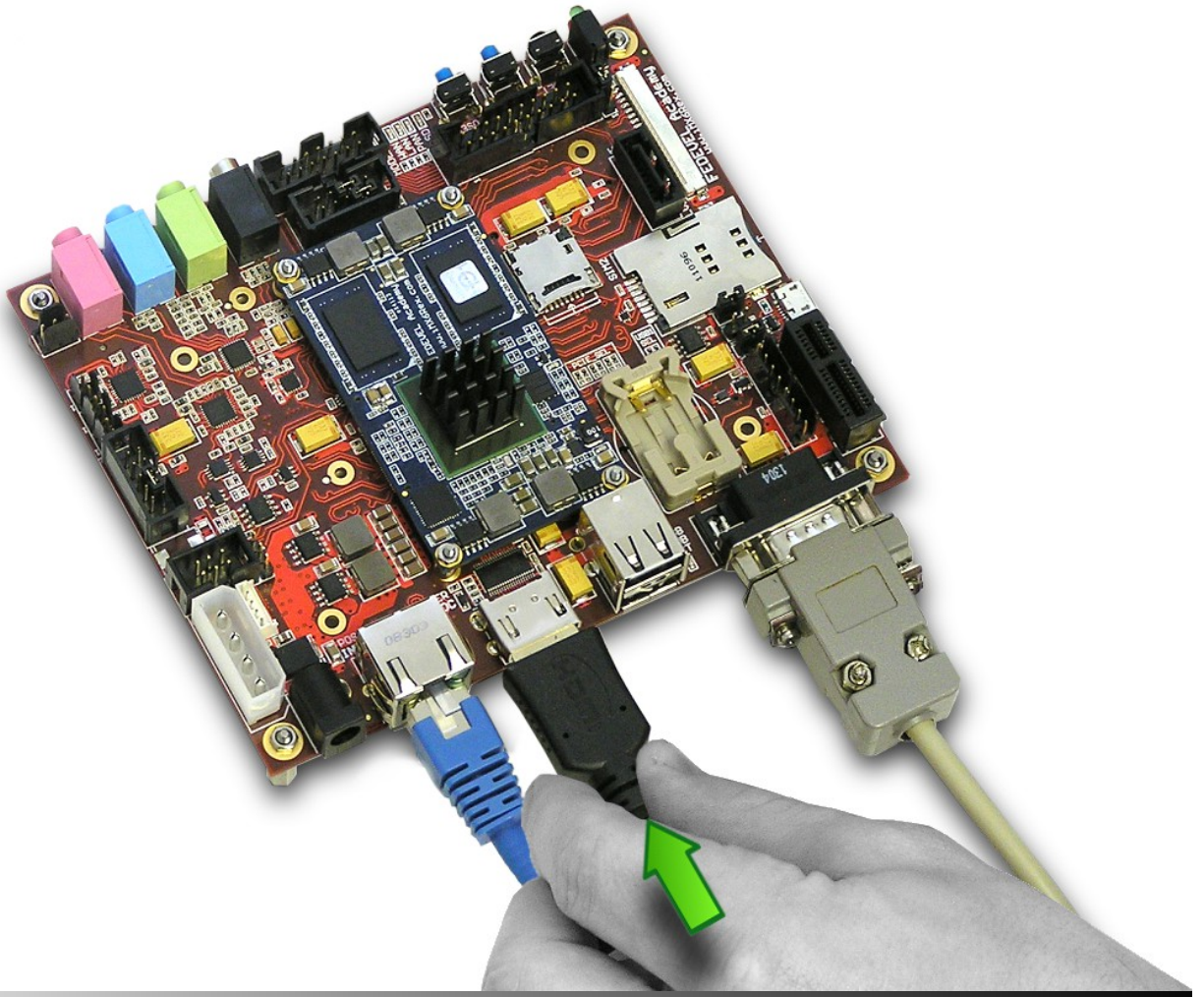
5. Connect Network Cable



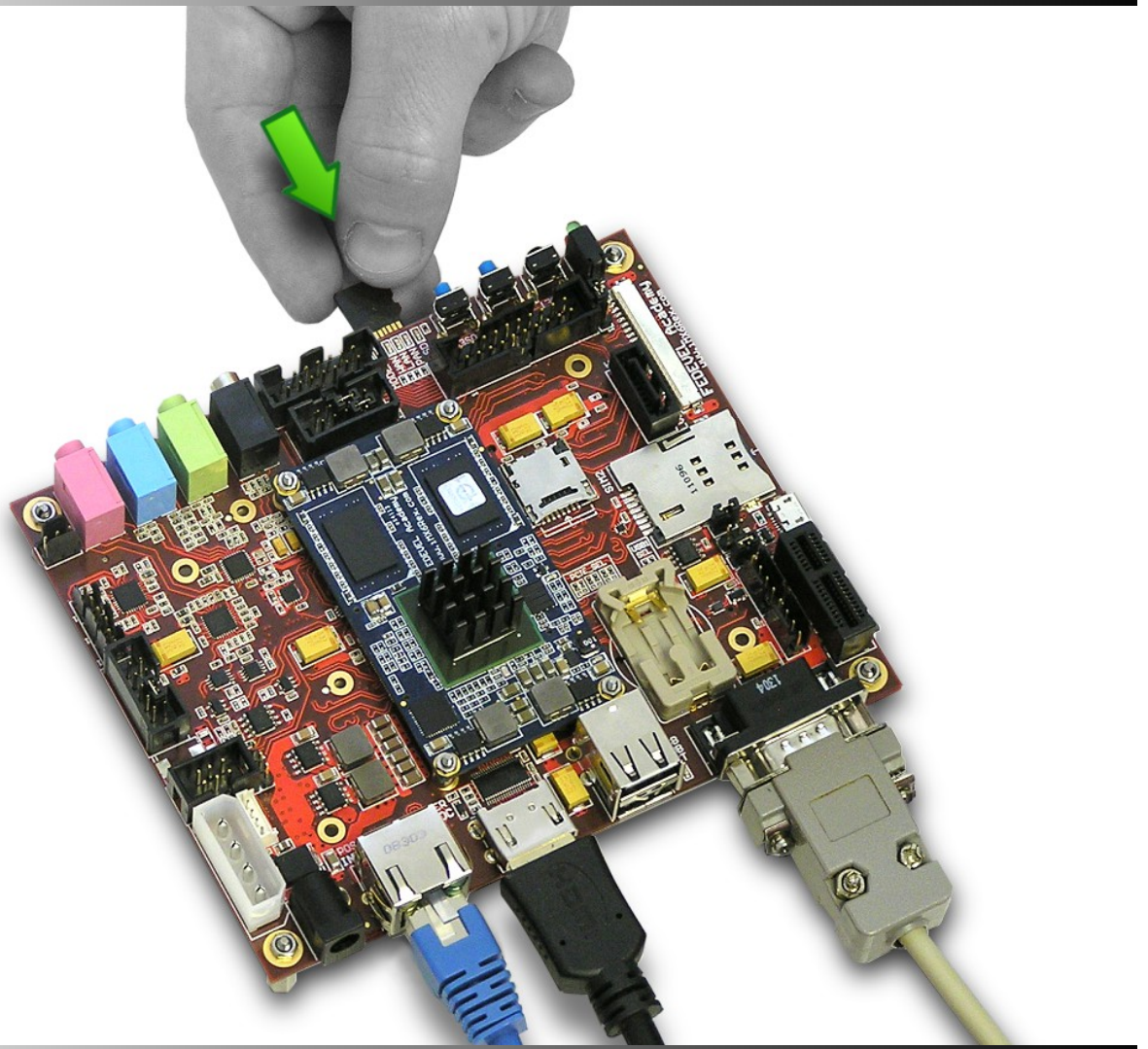
Use the network cable delivered with your development kit (this cable is rated for 1GB Ethernet).

Connect the cable between your iMX6 Rex development kit and a network switch (possibly a computer). Connecting the baseboard to a network is not required, but missing network may slow down booting process as Linux will be waiting for a DHCP answer.

6. Connect HDMI Cable (Optional)



7. Insert SD Card

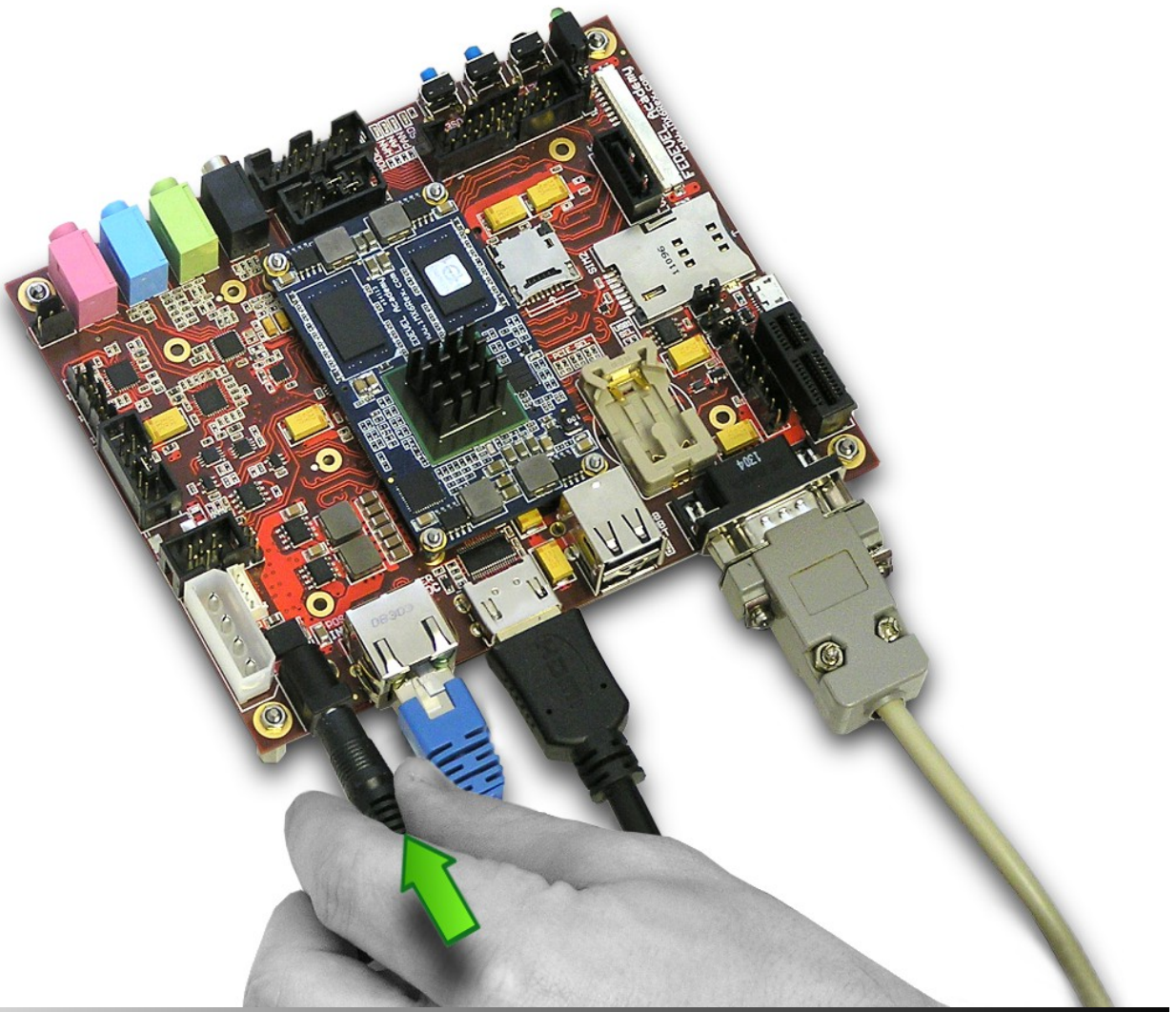


Insert the SD card delivered with your development kit into the slot placed on the edge of the board. Be sure the other SD card slot is empty.

8. Connect the power

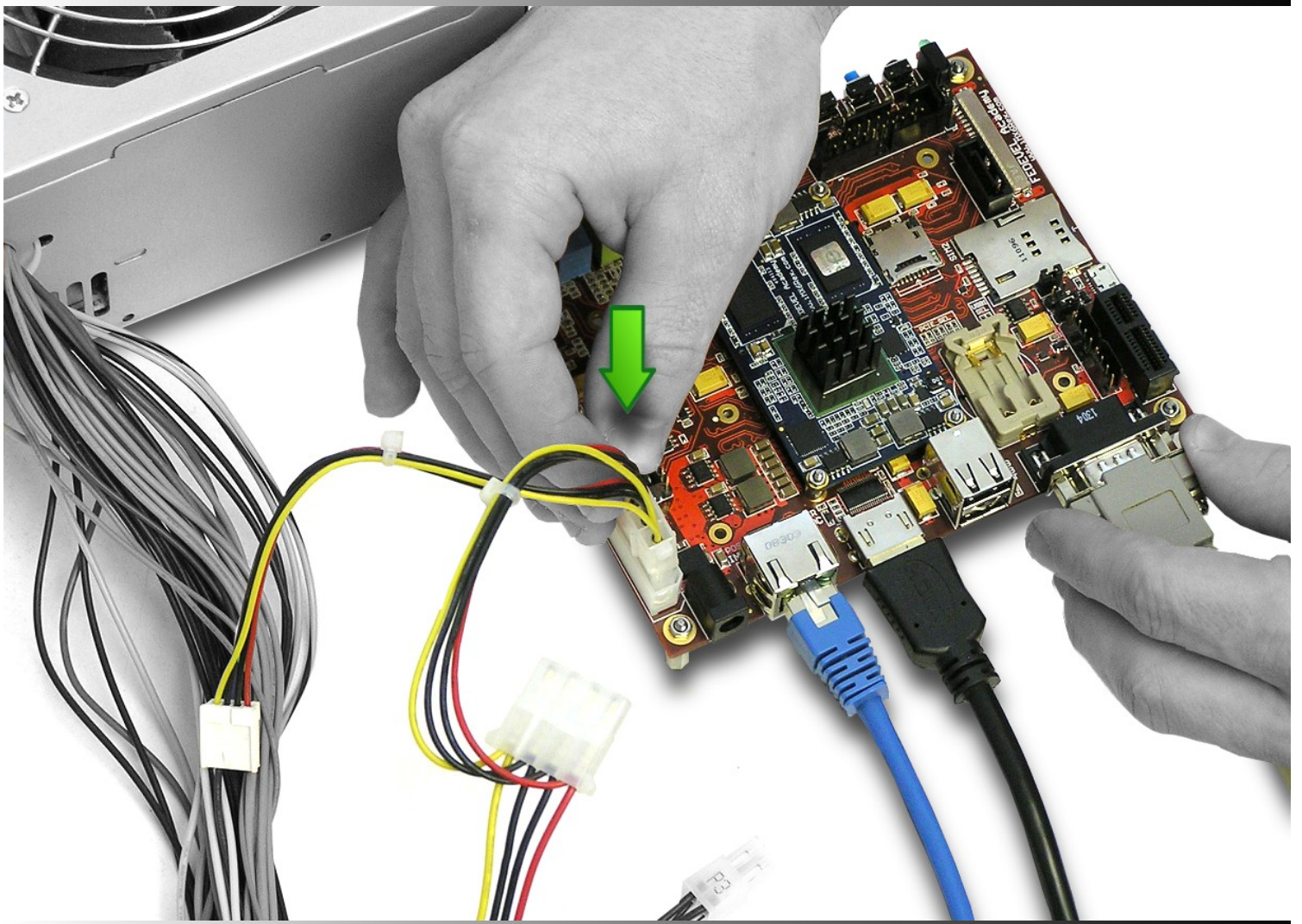
You have two options, how the board may be powered. Be sure, your power supply can deliver enough power!

Option 1:



Use a 7V to 24V DC adapter (usually 12V/2A is fine) with a power jack. The plug diameters are 2.1mm x 5.5mm with the positive voltage in the middle.

Option 2:



Use an ATX power supply.

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