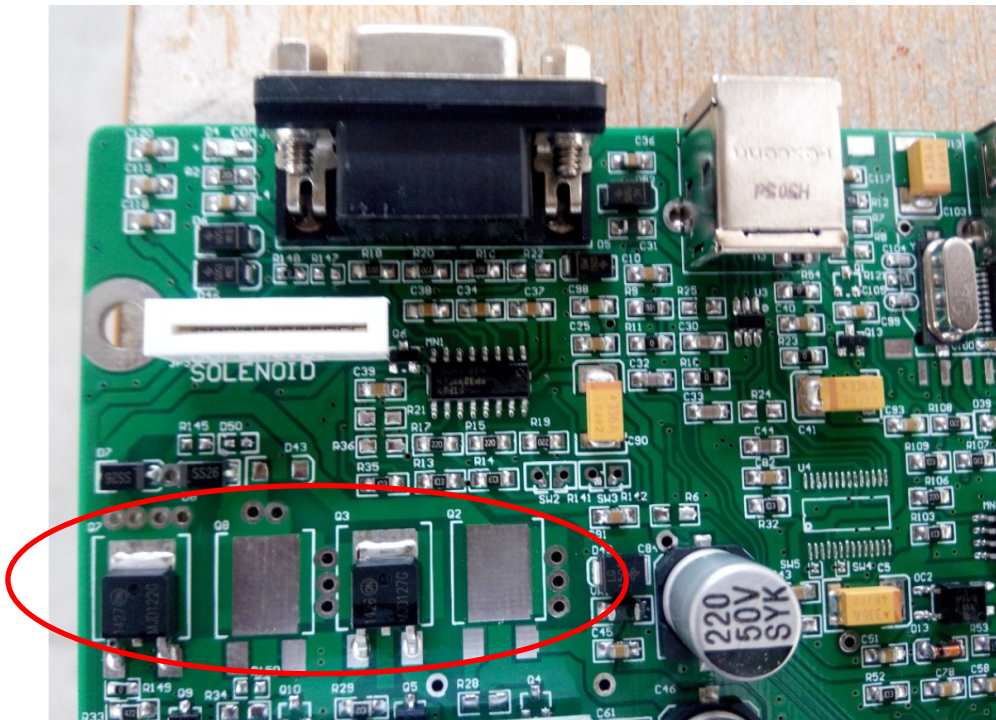


# HOW TO DISTINGUISH BETWEEN MOTHERBOARDS USING DIFFERENT CHIP SEQUENCES

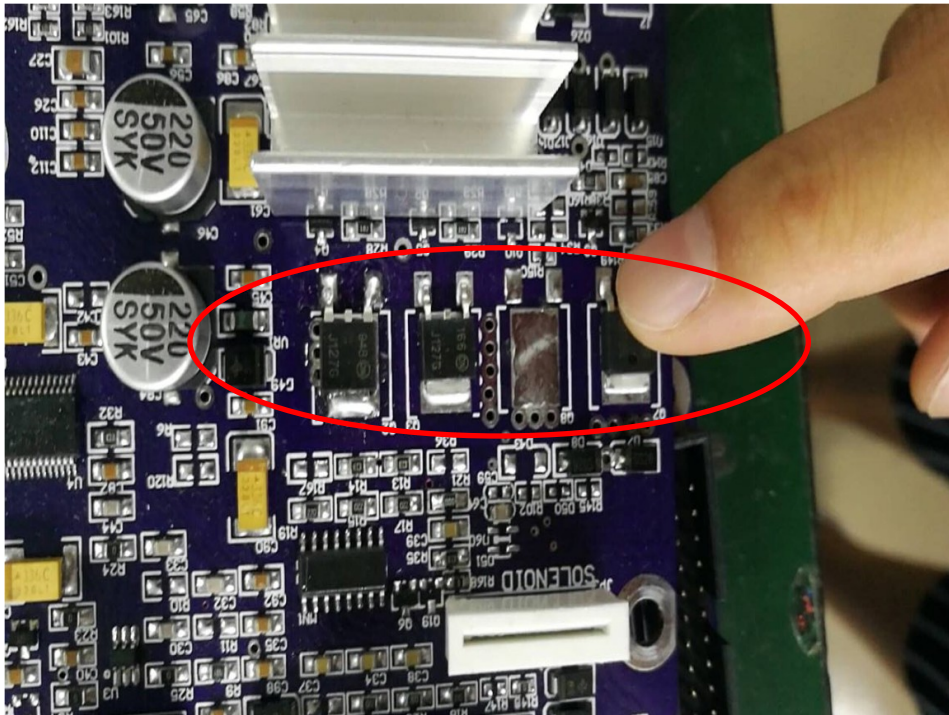
Updates: things change in 2024, principle is the same but some details changed, so check this picture instead:

<https://cncu.co.za/V-Auto-Vinyl-Cutting-Plotter/V-Smart%2C%20V-Smart%2B%20and%20V-Auto%20Motherboard%20Difference.png>

**V-SMART Motherboard, SKU: V3-MB**

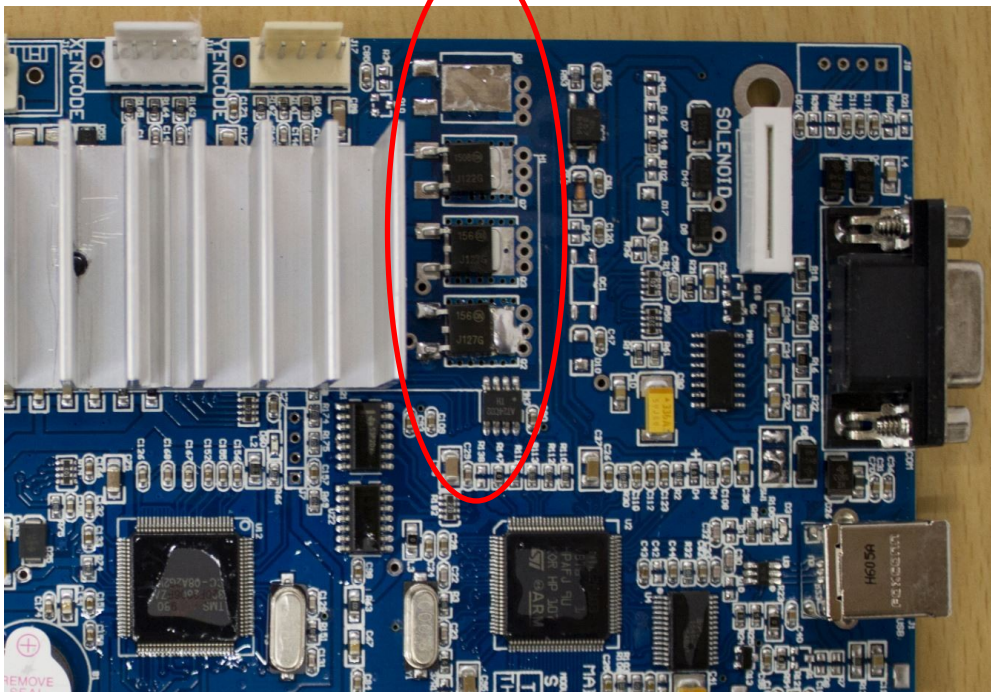


**V-SMART PLUS Motherboard, SKU: V3-MB/P**



(please note, for new stock, no chip difference for V-Smart and V-Smart=)

### V-AUTO Motherboard, SKU: V6 MB



### V-AUTO Label Cutter Motherboard

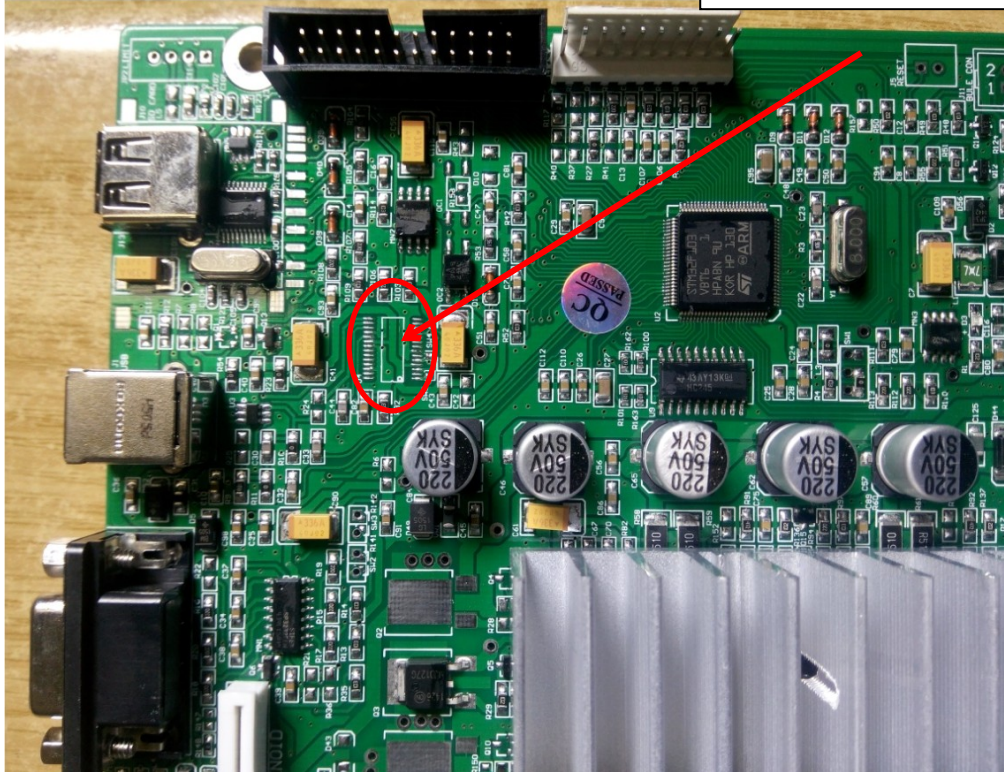
(TBA)



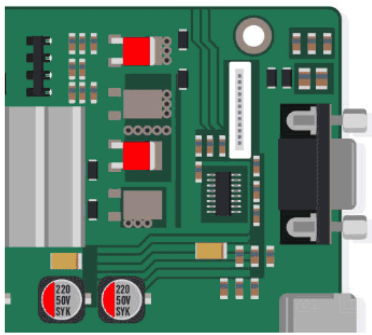


## USB 2.0 / FTDI (USB TO SERIAL)

The presence of a chip here denotes the motherboard using USB to Serial Connection (FTDI), otherwise USB 2.0

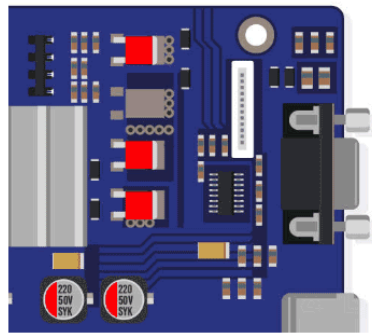


**Step 1: Check chip arrangement**



**SKU: V3-MB**

AM.CO.ZA V-Smart Vinyl Cutter  
Motherboard



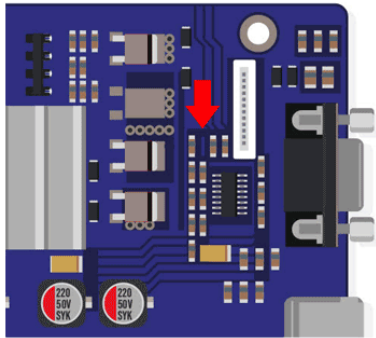
**SKU: V6-MB**

AM.CO.ZA V-Auto Vinyl Cutter  
Motherboard



**Step 2: Check resistor existence**

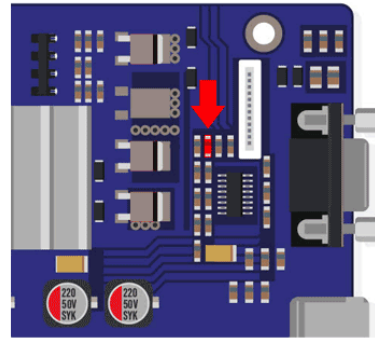
**No Resistor**



**SKU: V3-MB**

AM.CO.ZA V-Smart Vinyl Cutter  
Motherboard

**Has Resistor**



**SKU: V3-MB/P**

AM.CO.ZA V-Smart Plus Vinyl Cutter  
Motherboard