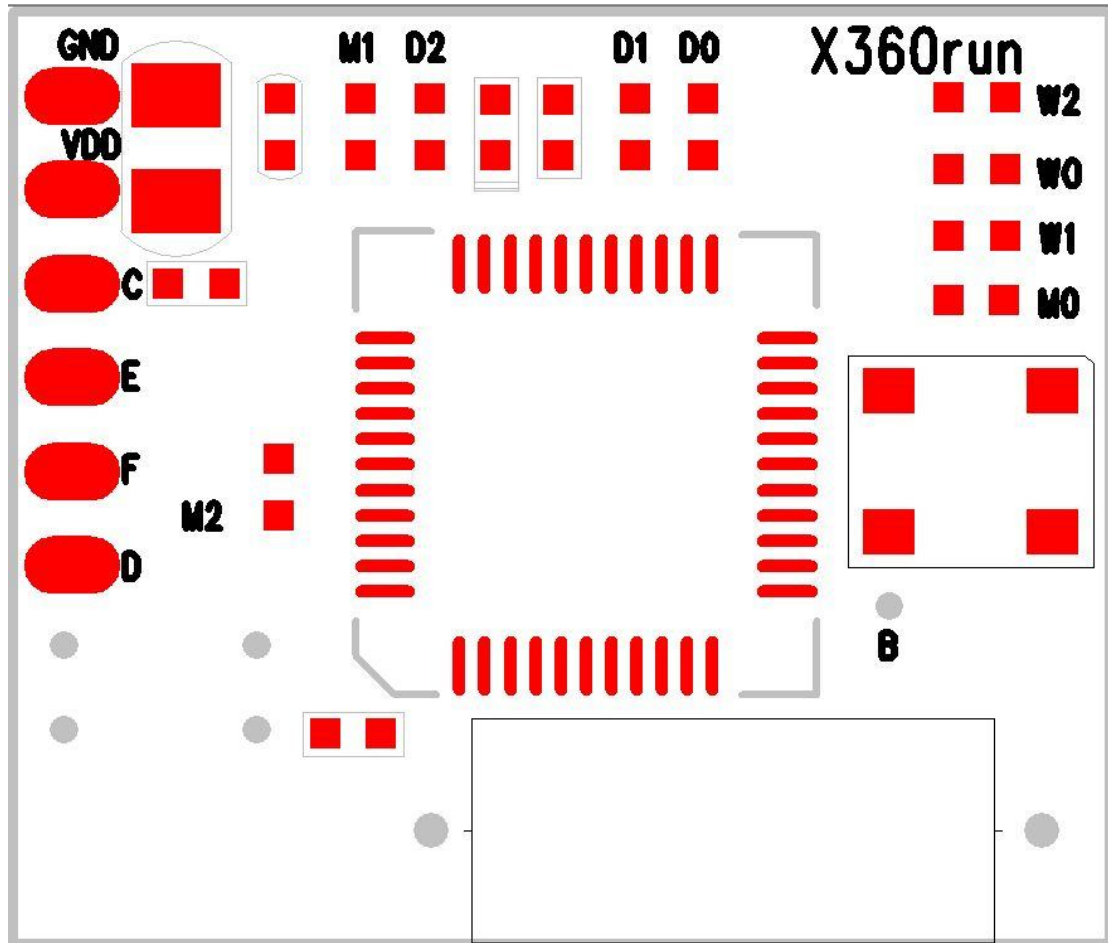


X360Run (SLIM) Glitcher Board Instruction

I . The theory of X360Run Glitcher Board:

The X360Run send out a confirm width of pulse to XBOX360 slim machine. For different type XBOX360 slim machine have different type pulse time point and width.

II . The X360Run Glitcher Board and trimming switch:



III. Configuration and trimming description:

The user must choose a different configuration options according to the different type XBOX360 slim machine.

The user can use the factory default setting of the X360Run Glitcher board. however, because of components and wire materials may have little differences, different batch XBOX360 machine and X360Run Glitcher board are also little differences, the user can use the trimmability switch to get a better time pulse, and this change will make XBOX360 machine achieve the best effective.

X360Run Glitcher board have four type switch and trimming adjustable setting:

(S: short the jumper pad , 0:open the jumper pad)

1. The XBOX360 slim machine type selection

XBOX360 Type	Timing pulse	Crystals Type	M2	M1	M0	Monolithic capacitor CD	Ceramics capacitors CO
Trinity10.83A	default	96MHz	0	S	S	150P	20P
Trinity 9.6A	default	96MHz	0	S	0	220P	25P
Corona	Add-ons delay	96MHz	0	0	S	330P	15P
Corona	default	96MHz	0	0	0	330P	15P

According to the different type XBOX360 slim machine , set the according M0,M1,M2 jumper pad with S or 0. The value of capacitors about CD and CO must set correct too . the factory default value is Corona default 96MHz.

2. Pulse time delay trimming

Delay trimming	D2	D1	D0	unit
	0	S	S	-3
	0	S	0	-2
	0	0	S	-1
	0	0	0	default
Corona	S	S	S	+1
Trinity 10.83A Trinity 9.6A	S	S	0	+2
	S	0	S	+3
	S	0	0	+4

The pulse time can be adjust to forward(forth:-1~-3) or backward(back:+1~+4) on the basis of the factory standard value.

3. Pulse width trimming

width trimming	W2	W1	W0	unit
	0	S	S	-3
	0	S	0	-2
Trinity 10.83A	0	0	S	-1
Trinity 9.6A	0	0	0	default
	S	S	S	+1
Corona	S	S	0	+2
	S	0	S	+3
	S	0	0	+4

The pulse width can be adjust to forward(forth:-1~-3) or backward (back:+1~+4) on the basis of the factory standard value.

4. The adjustment of resistance and capacitance in the pulse signal output :

The D pin of X360Run Glitcher board is pulse signal output, can reduce the pulse signal strength by series resistance, the factory default value is 8.2Ω.

The D pin of X360Run Glitcher board is pulse signal output, can produce an effect on launch XBOX360 slim machine succeed by shunt-wound differences value of Monolithic capacitance, the factory default value is CD=330pf (Corona) or CD=220pf (Trinity) ,The length of two pins about CD capacitance don' t cut to short (The length of CD capacitance about 1.5cm-1.7cm), .

Attention!: if replace Monolithic capacitance,must weld the new Monolithic capacitance complete before launch XBOX360 slim machine again.

5.Wire Install:

X360Run Glitcher board have SIX wire to be connected, them are:

1. Power Wire: VDD,
2. Ground Wire: GND,
3. I2C_SCL(E),
4. I2C_SDA(F),
5. POST_OUT(C),
6. CPU_RST(D)

①For Corona and Trinity 9.6A:

The 1—4 Wire direct connect to Glitcher board, about 10cm.

The 5-6 Wire direct connect to Glitcher board, about 4cm to 7cm.can adjustment the length of 5-6 Wire in 4cm to 7cm carefully,then get the best effect.

②For Trinity 10.83A:

The 1—4 Wire direct connect to Glitcher board, about 10cm.

The 5 Wire direct connect to Glitcher board, about 4cm to 7cm.can adjustment the length of 5 Wire in 4cm to 7cm carefully,then get the best effect.

The 6 Wire direct connect to Glitcher board, about 4cm to 15cm(12cm is typical value).can adjustment the length of 6 Wire in 4cm to 15cm carefully,then get the best effect.

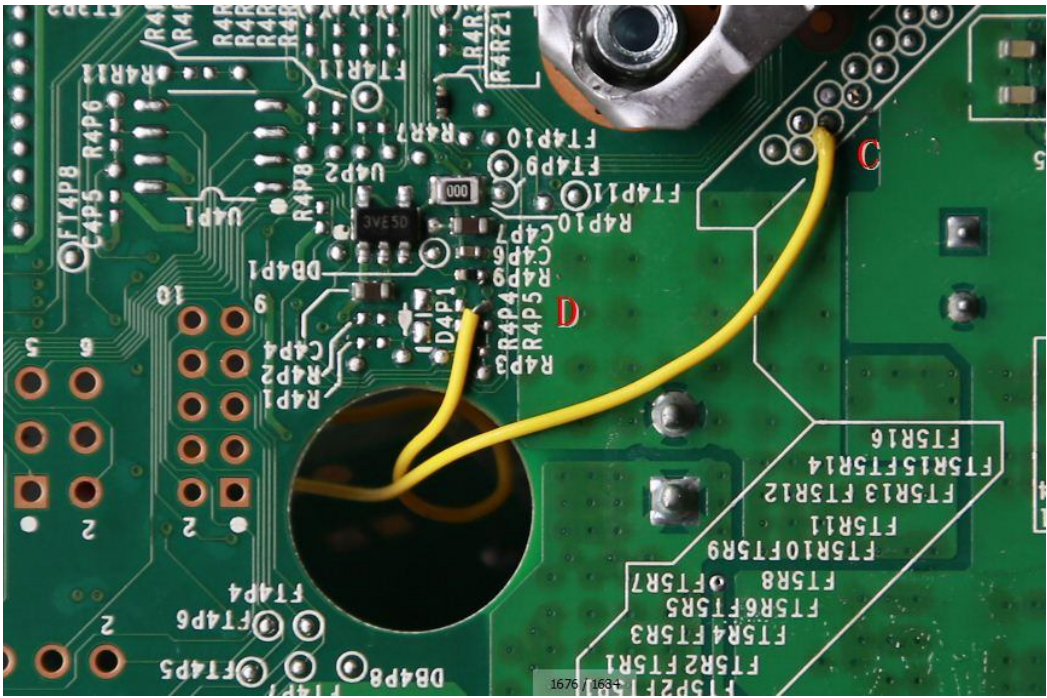
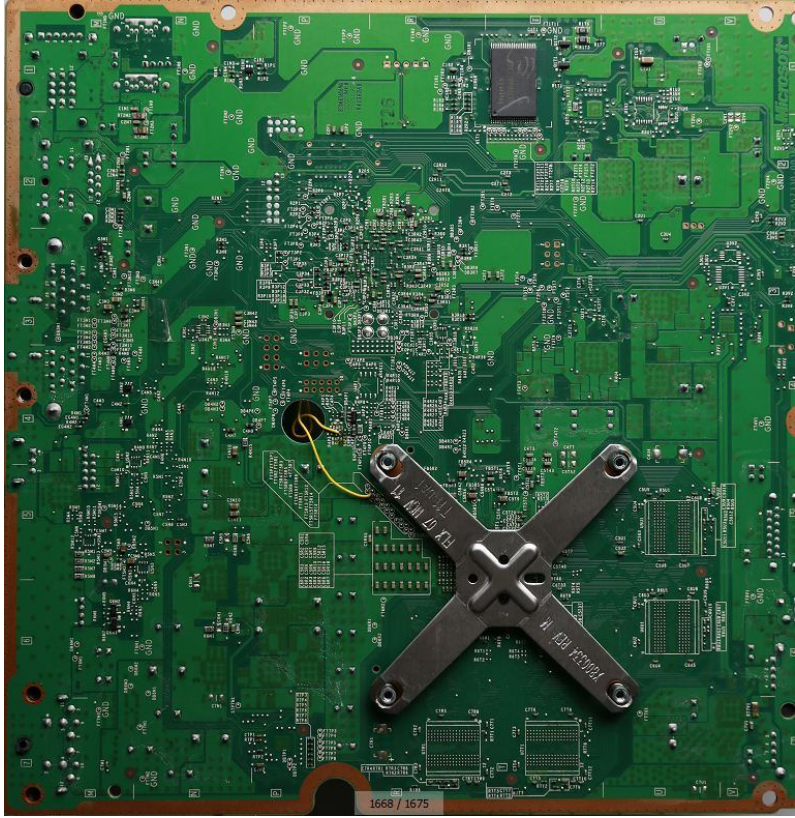
Attention!:

After modify the Xbox360 Trinity 10.83A machine, Must open and close 10 times to 20 times to check Whether or not Red-led on panel is Lights up. if Red-led is Lights up, Can connect D point to GND point on X360Run PCB Board with a 10K-20K metal-wire Resistor.

IV. The weld of changed XBOX360 slim machine

1. Corona-V1, Corona-V2



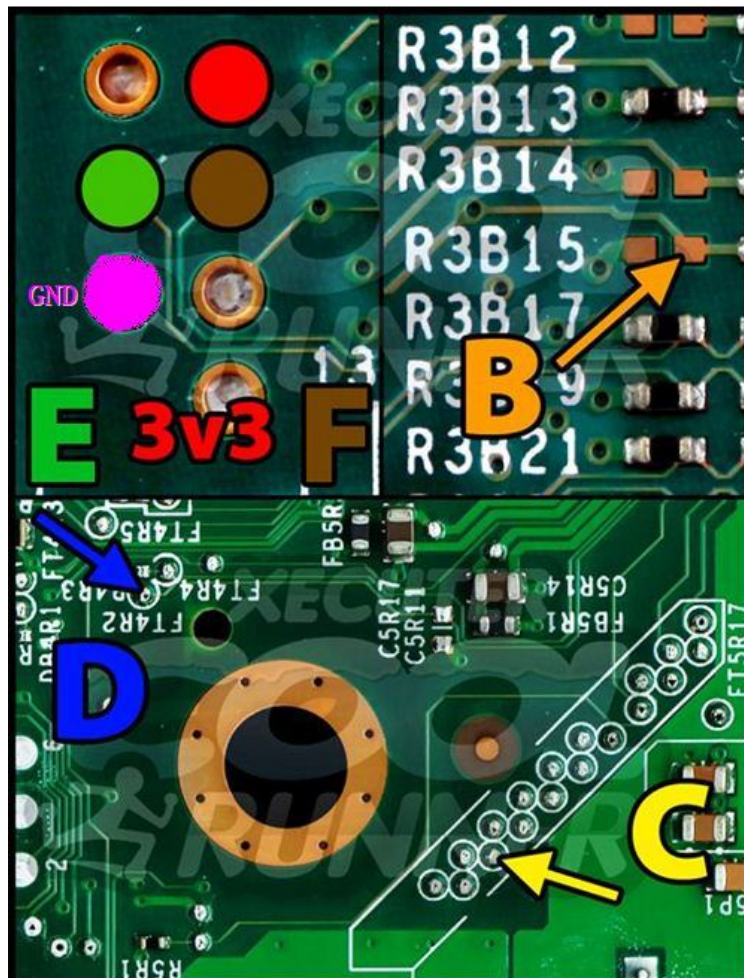
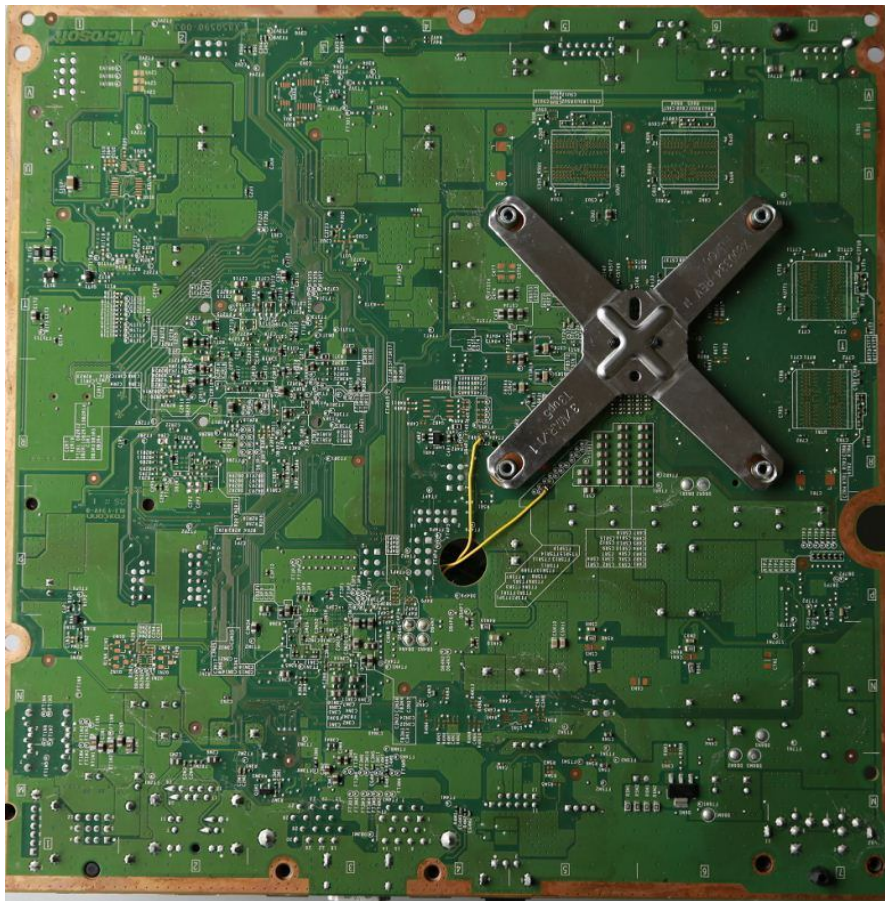


2. Corona-V3, Corona-V4

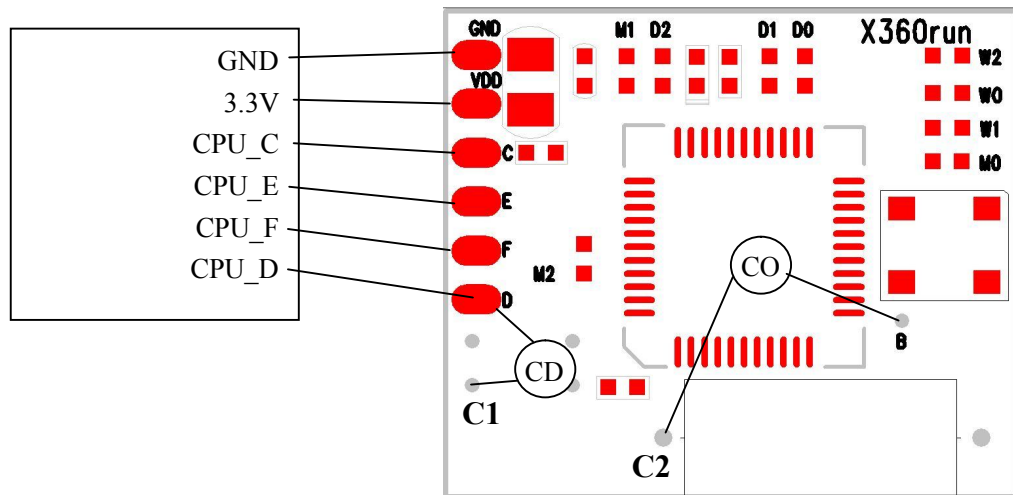


3. TRINITY





V. Debug and install



“CPU_C” to “C” wire ;

“CPU_D” to “D” wire ;

The shunt-wound Monolithic capacitance CD [330pf(Corona) or 220pf(Trinity)], one pin weld to C1 point, another pin weld to a point between D point and C2 point.

The length of two pins about CD capacitance don' t cut to short.