Cautions:

When the binding is done,
Please check the directions of each channel on the transmitter
Before you unlock and fly it,
Make sure the directions are all correct
Dangerous situations will arise if the direction is reversed

Shuriken250Pro is also compatible with CPPM receivers
you can setup on Cleanflight configurator
It is not compatible with standard R/C receivers
with multiple channels of PWM out
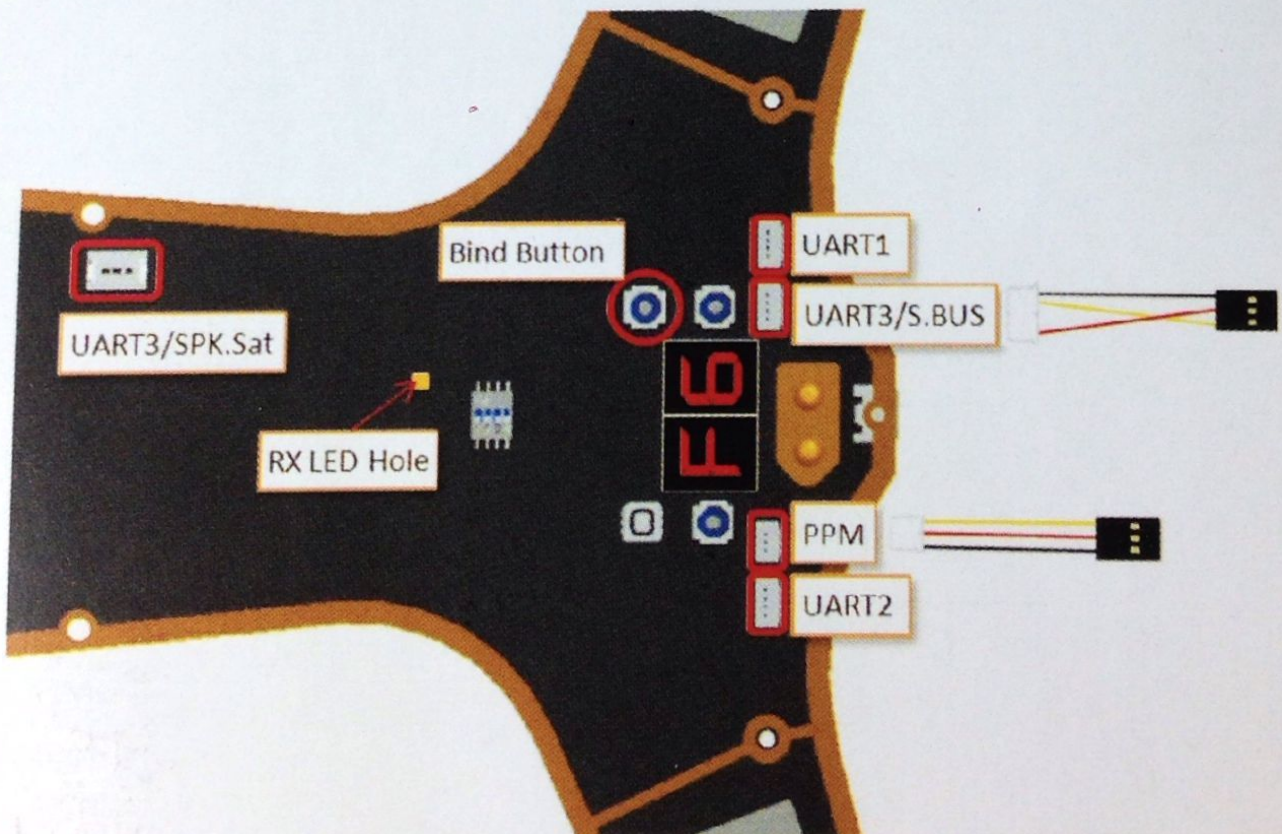
Step Two:
Setup the Video Link

1   The Shuriken250 uses a button
    to define video TX channels

2   The Shuriken250 ships
    with a default TX frequency of 5740MHz
    which corresponds to FatShark frequencies
    Channel 1

3   To switch bands
    press the button, hold 2 seconds and release

4   To switch channels
    short press the button

5   The left 7-segment display is band number
    the right 7-segment display is channel number

BAND   CHANNEL
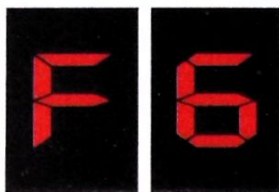
		1	2	3	4	5	6	7	8
F	IRC/FS	5740	5760	5780	5800	5820	5840	5860	5880
C	RaceBand	5658	5695	5732	5769	5806	5843	5880	5917
E	Band E	5705	5685	5665	5645	5885	5905	5925	5945
B	Band B	5733	5752	5771	5790	5809	5828	5847	5866
A	Band A	5865	5845	5825	5805	5785	5765	5745	5725

Step Three:

Setup the flight controller via Cleanflight configurator

▼ Install latest Silicon Labs CP2102 USB
to UART Bridge VCP Drivers
http://www.silabs.com/products/mcu/pages
/usbtouartbridgevcpdrivers.aspx

▼ Install and launch the Cleanflight Configurator tool
https://chrome.google.com/webstore/detail
/cleanflight-configurator/enacoimjcgeinfnnnpajinjgmkahmfgb

▼ Connect Shuriken 250 to computer via USB cable

▼ Select the correct COM port
if it is not automatically detected
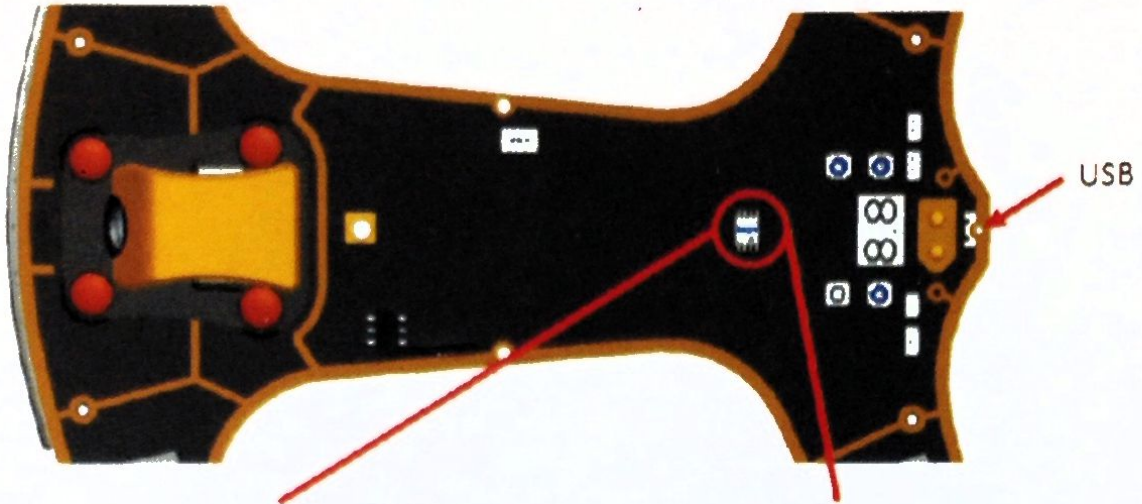
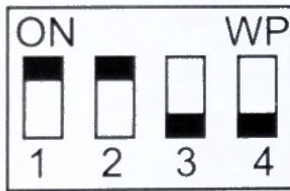▼ Click connect, verify that communication is established.

How to play:
http://cleanflight.com/
http://www.rcgroups.com
/forums/showthread.php?t=2249574

USB Function Switch

USB

USB for Flight Controller

```
ON          WP
┌──┬──┬──┬──┐
│██│██│  │██│
│  │  │██│  │
└──┴──┴──┴──┘
 1  2  3  4
```

USB for OSD configuration

```
ON          WP
┌──┬──┬──┬──┐
│  │  │██│██│
│██│██│  │  │
└──┴──┴──┴──┘
 1  2  3  4
```
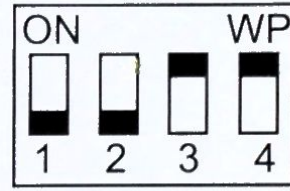
OSD ON/OFF Switch

Press button to switch OSD on/off
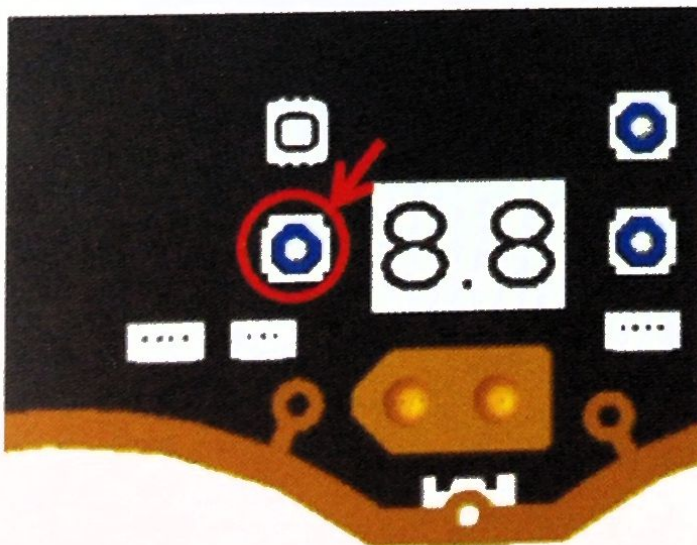
Vtx power switch 25mw/600mw

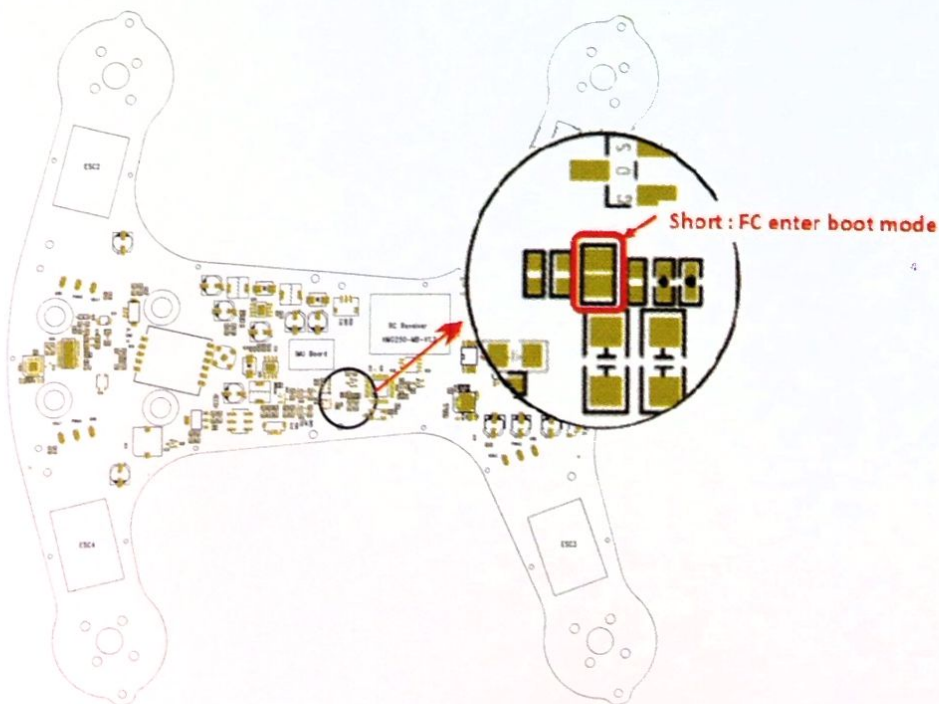|	
	600mw Mode
	25mw Mode
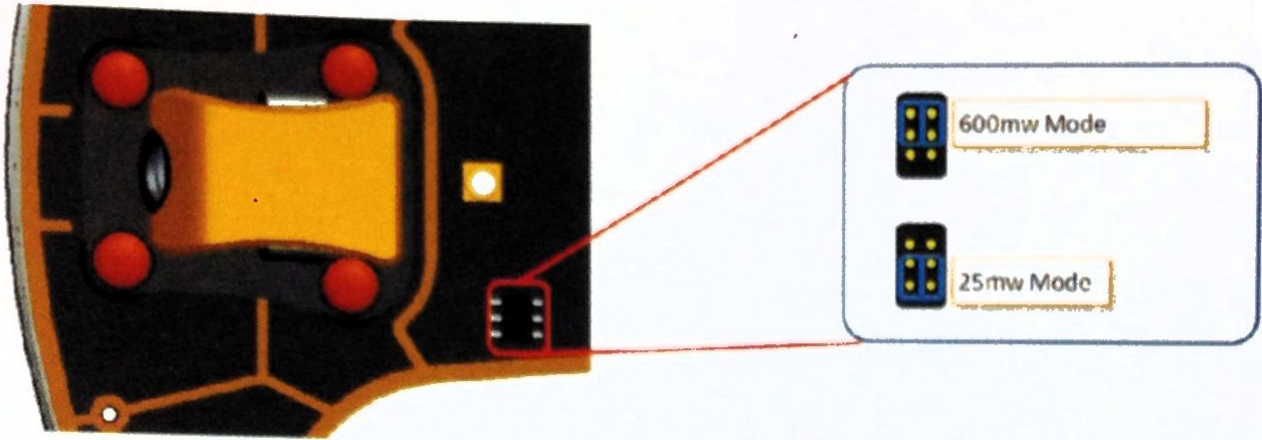
The out put of VTx is available
for 25mw and 600mw
you can choose the output value
for VTx using the jumper

How to enter boot mode

Short : FC enter boot mode

Firmware Upgrade

Click the Firmware Flasher tab
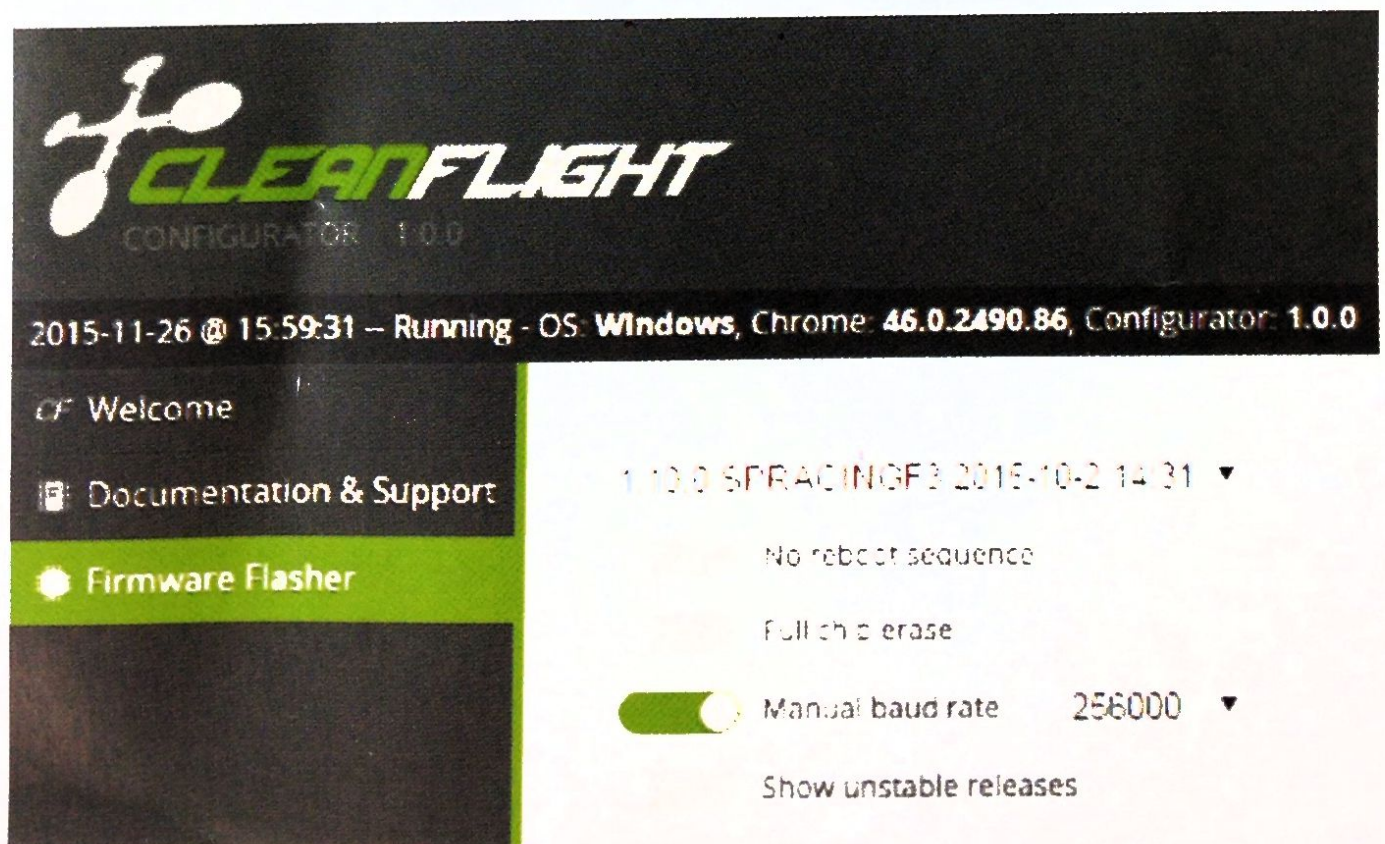
▼

Select the latest SPRacingF3 stable release

▼

Set the flashing baud rate to 256000

▼

Click 'Load firmware [Online]'
and wait for firmware to download
and read release notes

▼

Click 'Flash Firmware'

Step One:

Bind or install compatible R/C receiver

DSMX binding Procedures

Power on the Shuriken250

then press the bind button,

the DSMX.sat receiver will enter the binding mode

FASST binding Procedures

1   Turn on the transmitte

press the bind button and power on the Shuriken250

the LED will blink red when the aircraft is ready to bind

2   Release the Bind button, the LED will blink

red and green alternately for a while

and then stay green

which indicates the binding is successful

3   Please try again if it doesn't work.

A still red LED means the binding is not done properly

Frsky RX bind Proceures

1   Turn on the TARANIS

and enter the bind mode (MENU>PAGE>⊕...find 'Bind'>ENT)

2   Connect battery to the Shuriken holding bind button on the Shuriken

The LED on the reciever will flash

indicating the binding process is completed

Turn off both the transmitter and the receiver

Turn on the transmitter and connect the battery

the green LED on the receiver indicates the binding is successful.