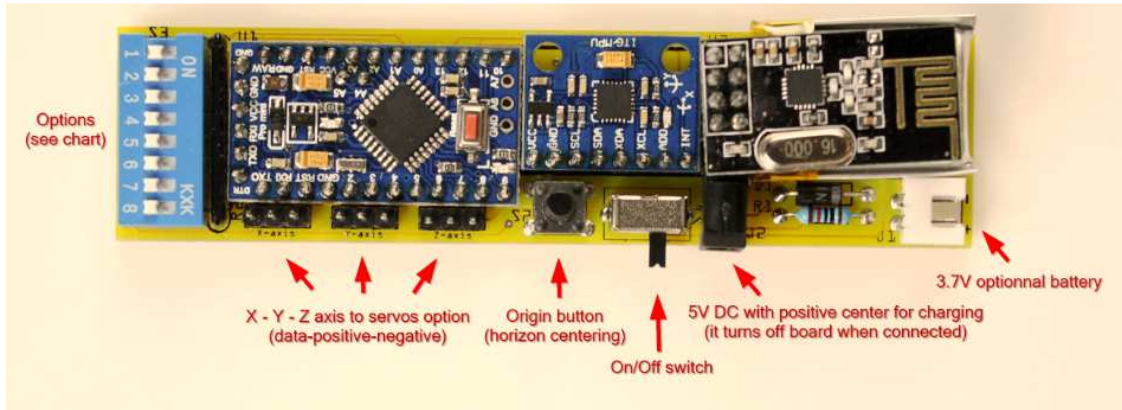


3 axis motion control - Z-Ita set

Zita board



DIP switch configuration (1-4)				
RF Channel	1	2	3	4
2.490 Ghz	Off	Off	Off	Off
2.491 Ghz	Off	Off	Off	On
2.492 Ghz	Off	Off	On	Off
2.493 Ghz	Off	Off	On	On
2.494 Ghz	Off	On	Off	Off
2.495 Ghz	Off	On	Off	On
2.496 Ghz	Off	On	On	Off
2.497 Ghz	Off	On	On	On
2.498 Ghz	On	Off	Off	Off
2.499 Ghz	On	Off	Off	On
2.500 Ghz	On	Off	On	Off
2.501 Ghz	On	Off	On	On
2.502 Ghz	On	On	Off	Off
2.503 Ghz	On	On	Off	On
2.504 Ghz	On	On	On	Off
2.505 Ghz	On	On	On	On

DIP switch configuration (5-8)			
5	6	7	8
Normal X axis (Off)	Normal Y axis (Off)	Normal Z axis (Off)	RF Enabled (Off)
Reverse X axis (On)	Reverse Y axis (On)	Reverse Z axis (On)	RF Disabled (On)

RF Channel

The selected channel must be the same with Ita board. You have to power cycle the board if you change RF channel.

RF Enable/Disable

You can disable RF and then remove the RF module and Zita in wired mode.

Power the Zita

Use the 1.35mm jack to charge the internal 3.7 volts Li-po battery. You can use an USB cable or external power supply. The jack is positive center. The battery life is at least two hours for one hour of charge.

Origin button

Press the origin button to center the horizontal (X axis) servo to the middle of its stroke.

Note: The Iota board can take up to 20 seconds to stabilize the X axis after power on.

Ita board

