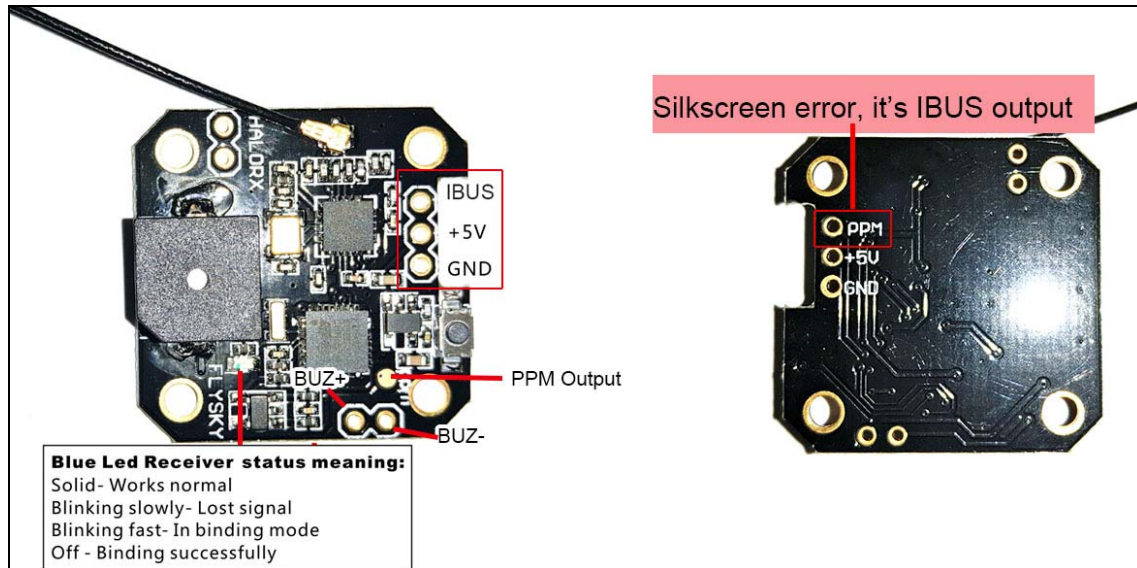


## Minicube Flysky AFHDS-2A IBUS version quick user guide



### Bind procedure:

- Power for the Receiver board(Direct +5v to the receiver or power from Minicube F3) while holding the binding button on the Receiver board ,the Blue LED will blinking fast, this indicates the Receiver is in binding mode. Then release the binding button.
- Turn on your radio and Set receiver mode to AFHDS 2A, then get your radio into binding mode. The blue LED on the Receiver board will turning off for a second and then starting to blinking slowly, this indicates binding successfully.

### Setup in Betaflight with Minicube F3 flight controller:

Enable Serial\_RX for UART3 from the Port tab in Betaflight configurator, then select RX\_SERIAL from the RECEIVER Mode and set the Serial Receiver Provider to be **IBUS** in Betaflight Configurator.

Ports WIKI

**Note:** not all combinations are valid. When the flight controller firmware detects this the serial port configuration will be reset.  
**Note:** Do **NOT** disable MSP on the first serial port unless you know what you are doing. You may have to reflash and erase your configuration if you do.

Port Identifier	Configuration	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	<input checked="" type="checkbox"/> MSP 115200 ▼	<input type="checkbox"/> Serial RX	Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼
UART1	<input type="checkbox"/> MSP 115200 ▼	<input type="checkbox"/> Serial RX	Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼
UART2	<input type="checkbox"/> MSP 115200 ▼	<input type="checkbox"/> Serial RX	Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼
UART3	<input type="checkbox"/> MSP 115200 ▼	<input checked="" type="checkbox"/> Serial RX	Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼

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**Receiver**

Serial-based receiver (SPEKSAT, S ▼) Receiver Mode

**Note:** Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX\_SERIAL feature.

IBUS ▼ Serial Receiver Provider