

GEP-F722-35A AIO

FC:F722

ESC:BLS_35A

GEPRC

Specification:

Model Name:	GEP-F722-35A AIO
MCU:	STM32F722
Gyro:	MPU6000
Firmware target:	GEPRC_F722_AIO
OSD:	Betaflight OSD w/ AT7456Ev
Current:	YES
Beeper:	YES
LED:	YES
Black Box:	16MB
USB:	micro USB
BEC output:	5V@1A

ESC MCU:	8BB21F16G
Continuous current:	35A
MAX current:	40A (10s)
Input Voltage:	2-6S LiPo
Supports:	Dshot600,Oneshot,Multishot
ESC Traget:	G_H_30
Size:	32x32mm
Installing Hole:	26.5x26.5mm(M2)
Weight:	8.3g

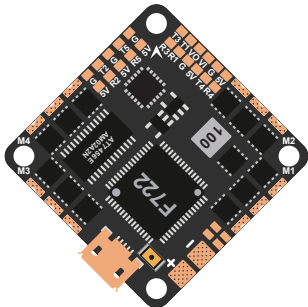
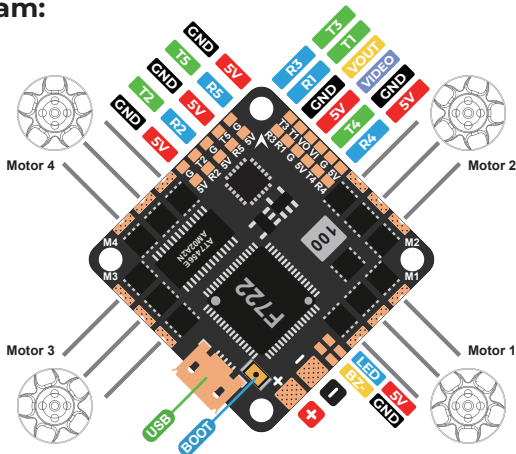


Diagram:



DJI Diagram FPV System:

Identifier	Configuration/MSP	Serial RX
USB VCP	☒ 115200 ▼	☐
UART1	☒ 115200 ▼	☐
UART2	☐ 115200 ▼	☒

Receiver

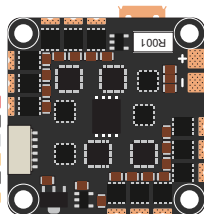
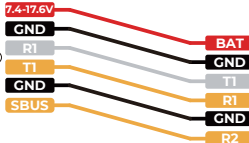
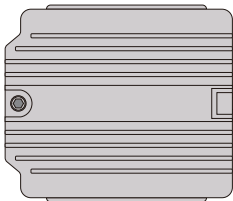
Serial-based receiver(SPEKSAT,S ▼) Receiver Mode

Note:Remember to configure a Serial Port (via Ports tab) and choose a Ser Receiver Provider when using RX_SERIAL feature.

SBUS ▼ Serial Receiver Provider

DJI AIR Unit Module Input Voltage: 2-4S LIPO

DJI AIR Unit Module

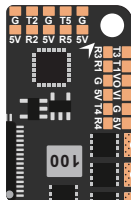


Analog VTX:

Identifier	Configuration/MSP		Peripherals	
USB VCP	☒ 115200 ▾		Disabled ▾	AUTO ▾
UART1	☐ 115200 ▾		VTX,IRC Tamp ▾	AUTO ▾
UART2	☐ 115200 ▾		Disabled ▾	AUTO ▾

Other Features

- ☐ AIRMODE
- ☒ OSD
- ☐ DYNAMIC_FILTER



R3 T3

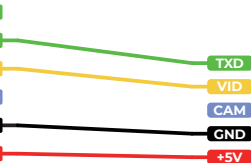
R1 T1

GND VOUT

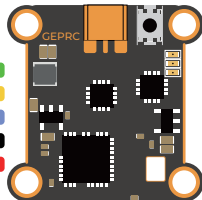
5V VIDEO

T4 GND

R4 5V



STABLE VTX58600N



Camera:

Other Features

☐	AIRMODE	Permanently enable Airmode
☒	OSD	On Screen Display
☐	DYNAMIC_FILTER	Dynamic gyro notch filtering



Receiver:

Identifier	Configuration/MSP	Serial RX
USB VCP	☒ 115200 ▾	☐
UART1	☐ 115200 ▾	☐
UART2	☐ 115200 ▾	☒

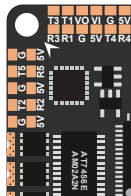
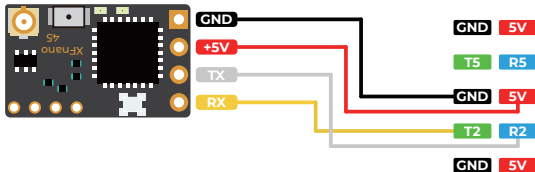
Receiver

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

Note:Remember to configure a Serial Port (via Ports tab) and choose a Ser Receiver Provider when using RX_SERIAL feature.

CRSF ▾ Serial Receiver Provider

TBS NanoRX



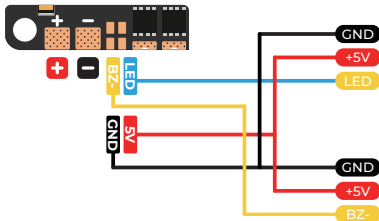
Buzzer & Led Board:

Other Features

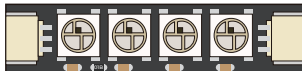
- ☐ TELEMETRY
- ☒ LED_STRIP
- ☐ DISPLAY

Beeper Configuration

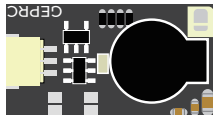
- ☒ GYRO_CACIBRATED
- ☐ RX_LOST
- ☒ RX_LOST_LOADING
- ☒



GEPRC LED Board



GEPRC Super Buzzer



GPS:

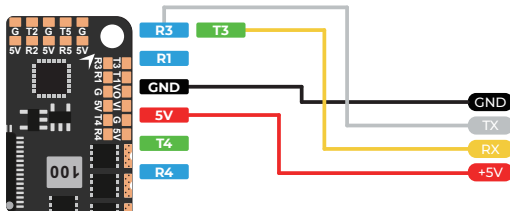
Identifier	Configuration/MSP		Sensor input	
USB VCP	☒ 115200 ▾		Disabled ▾	AUTO ▾
UART2	☐ 115200 ▾		Disabled ▾	AUTO ▾
UART3	☐ 115200 ▾		GPS ▾	AUTO ▾

GPS

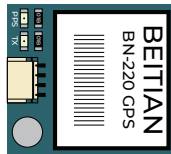


GPS

GPS for navigation...



Beitian BN-220



Include:

1 x GEP-F722-35A AIO

1 x XT30-7CM-18AWG Power cables

1 x 35V220UF capacitor

1 x SH1.0-6Pin to GH1.25-8Pin cables

1 x SH1.0-6Pin Cables

8 x M2*6.5mm Damping rings

Contact:

Website: <http://geprc.com>

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Manual



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