Note: Functions marked * are standardised symmetrical functions.

No serial port on Y8 & Y10. Use PYB for 1 serial ports.

CAN bus not available - use PYB.

MCU: STM32F411.

1.3in x 1.65in 33mm x 42mm

Y16 U+  Y15 3V3  Y14 GND  Y13 RST*
Y12 PB1/ADC*/PWM  Y11 PB0/ADC*/PWM  Y10 PB8/SDA3*/4k7PU/PWM
Y9 PB8/SCL3*/4k7PU/PWM  X8 PB7/MOSI*/ADC/PWM  X7 PB6/MISO*/ADC/PWM (3V3)
X6 PA5/SCK1*/ADC/AC (3V3)  X5 PA4/SS1*/ADC/AC (3V3)  X4 PA3/ADC/PWM*/SERVO
X3 PA2/ADC/PWM*/SERVO  X2 PA1/ADC/PWM*/SERVO  X1 PA2/TX2*/ADC/PWM*/SERVO

**DESIGN RULES.**

Board profile and connector grid, 1.27mm (50mil).

Component placement grid, 0.25mm

Routing grid, 0.05mm

Minimum track and spacing, 0.15mm (6mil).

Minimum via size, hole 0.25mm, pad 0.6mm.

PCB spec.

2 layer 1.6mm FR4, Green mask, white legend - 2 sides. Gold finish pb free, Electrical tab.
The board origin (0,0) is the bottom left corner of a half size skin compatible with X or Y position.
The pyboard extends 1.27mm (50mil) below the origin to allow for labels on the bottom connector.
Dimensions in italics are for reference only.