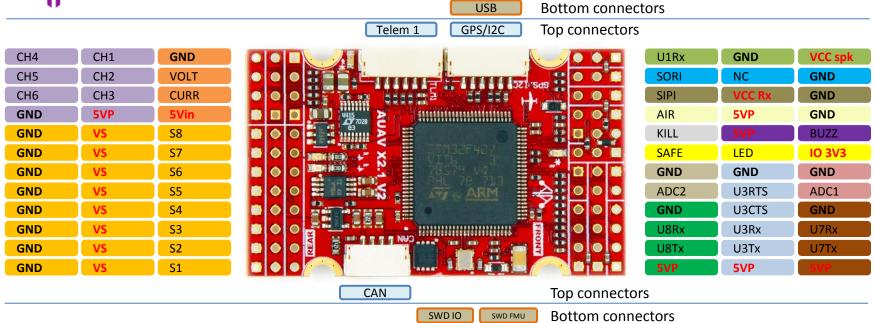


## mRo AUAV2.1 AutoPilot Breakout

## Top view



0.1" Header Ports					
	Aux outputs				
	Power Module				
	Main PWM outputs				
	Usart CH8 (Serial 4)				
	Usart CH3 (Serial 2)				
	Usart CH7 (Serial 5)				
	Safety switch / Led				
	Buzzer				
	Air sensor				
	Kill input				
	PPM in / SBUS in				
	SBUS out / RSSI				
	SPK Satellite				

JST-GH PORTS						
PORT	P1	P2	Р3	P4	P5	P6
Telem 1	5V	TX	RX	CTS	RTS	GND
GPS/I2C	5V	TX	RX	SCL	SDA	GND
CAN	5V	C-L	C-H	GND		
USB	USB+	DM	DP	GND		
SWD IO	RESET	SWDIO	SWCLK	GND		
SWD FMU	RESET	SWDIO	SWCLK	GND		

IST\_GH Ports

Serial Channels					
Device	Channel ( Serial )				
Telemetry 1	USART 2 (Serial 1)				
GPS	USART 4 (Serial 3)				
Telemetry 2	USART 3 (Serial 2)				
Debug	USART 7 (Serial 5)				
OSD	USART 8 (Serial 4)				