



5V Boost Controller board

USB-UART

USB Input and Battery controller

ARMMITE

Motor Outputs

AX1201728SG Stepper Controller

U9  
MCU STM32L431CCT6

10	PA0-WKUP	PB0	18
11	PA1	PB1	19
12	PA2	PB2/BOOT1	20
13	PA3	PB3/JTDO	39
14	PA4	PB4/JNTRST	40
15	PA5	PB5	41
16	PA6	PB6	42
17	PA7	PB7	43
29	PA8	PB8	45
30	PA9	PB9	46
31	PA10	PB10	21
32	PA11	PB11	22
33	PA12	PB12	25
34	PA13/JTMS/SWDIO	PB13	26
37	PA14/JTCK/SWCLK	PB14	27
38	PA15/JTDI	PB15	28
5	OSC_IN/PD0	PC13-TAMPER-RTC	2
6	OSC_OUT/PD1	PC14-OSC32_IN	3
44	BOOT0	PC15-OSC32_OUT	4
7	NRST		
1	VBAT		
24	VDD_1	VSS_1	23
36	VDD_2	VSS_2	35
48	VDD_3	VSS_3	47
9	VDDA	VSSA	8

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