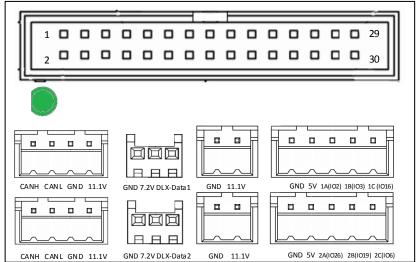
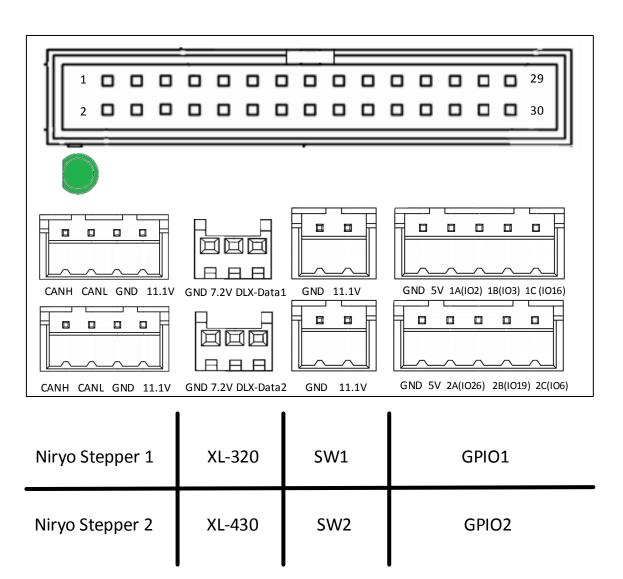


NiryoShield Pin Map

			- 7		
Pin#	Name	1 2		Name	Pin#
01	7.2V DC Power		Ш	7.2V DC Power 02	
03	DLX-Data	0 0		IO18	04
05	11.1V DC Power			11.1V	06
07	11.1V DC Power			1022	08
09	11.1V DC Power			NC	10
11	1024			CANL	12
13	GND	Цо o		CANH	14
15	GND			NC	16
17	GND	H o o l		NC	18
19	GND			NC	20
21	5V DC Power	0 0		NC	22
23	5V DC Power			NC	24
25	IO2 SDA	0 0		106	26
27	IO3 SCL	0 0		1019	28
29	1016		$\ -$	1026	30
		29 30	-		
			Ji .		





WARNING!

- Niryo Stepper 1 and Niryo Stepper 2 connectors are reserved. Don't use them.
- Only connect Dynamixel XL-320 motors to the XL-320 connector.
- Only connect Dynamixel XL-430 motors to the XL-430 connector.
- DO NOT short-circuit SW1 and SW2 pins.
- Absolute operating voltage of GPIO1 and GPIO2 connectors is 5V. External expander applications must operate at 5V. DO NOT short-circuit 5V and GND pins with any other pins.
- ! Wrong connection or wrong input voltage could permanently damage the robot or external micro-controller!