Support TTL communication

Daisy chain feature to help build small robots easily

Cost Effective Small Size Smart Actuator

Specification

Properties	Unit	XL Series				
		2XL430-W250-T	XL430-W250-T	**XL-320**	XL330-M077-T	XL330-M288-T
Stall Torque [N.m]	Nm	1.4	1.5	0.39	0.215	0.5
No Load Speed	rpm	57	61	114	383	103
Input Voltage	V	11.1	12	7.4	5	5
Resolution	Steps	4,096	4,096	1,024	4,096	4,096
Dimension (W × H × D)	mm	36 × 46.5 × 36	28.5 × 46.5 × 34	24 × 36 × 27	20 × 34 × 26	20 × 34 × 26
Weight	g	98.2	57.2	16.7	18	18
DC Motor	Type	Cored	Cored	Cored	Cored	Cored
Gear	Type	Spur	Spur	Spur	Spur	Spur
Gear Material	Type	Powder-Metallurg	Plastic	Plastic	Plastic	Plastic
Case Material	Type	Plastic	Plastic	Plastic	Plastic	Plastic
Gear Ratio	-	257 : 1	258.5 : 1	238 : 1	77.5 : 1	288.4 : 1
Network Interface	-	TTL	TTL	TTL	TTL	TTL
MCU	-	Cortex-M3 (72 [Mhz], 32 [bit])	Cortex-M3 (72 [Mhz], 32 [bit])	-	ARM CORTEX-M0+ (64 [MHz], 32Bit)	ARM CORTEX-M0+ (64 [MHz], 32Bit)

Drawing

ROBOTIS