PLTW Digital Electronics VEX Kit Contents

270-1922

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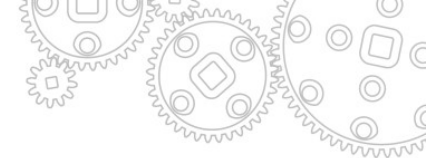
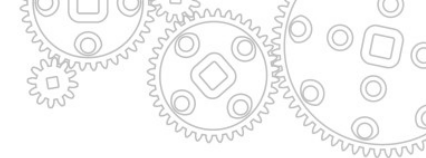| Part Number	Picture	Name	QTY	Description
276-1424		3-Wire Extension Cables (Large Bundle)	1	The 3-Wire Extension Cables are used to extend the length of a 3-wire cable such that a motor/servo or sensor can be farther from the VEX ARM® Cortex®-based Microcontroller.
276-2216		Potentiometer (2-Pack)	1	With the Potentiometer you can determine both position and direction of rotation.
276-2174		Limit Switch (2-pack)	2	The Limit Switch pack includes a pair of limit switch sensors custom built for the VEX Robotics Design system.
276-2176		LED Indicator Pack	1	The LED Indicator Pack is compatible with the VEX® ARM® Cortex-based Microcontroller Digital Outputs.
276-2193		Motor Controller 29	1	The VEX Motor Controller 29 uses a standard PWM signal (like that originating from the 3-wire ports on VEX microcontrollers) to drive a VEX 2-Wire Motor.
276-2177		2-Wire Motor 393	1	The 2-Wire Motor 393 is the primary actuator used for the VEX EDR robots.

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N/A		Digital Electronics Construction Kit	1	The Digital Electronics Construction Kit contains a number of VEX EDR motion & structural pieces custom formulated to build activities for the PLTW Digital Electronics course.

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(2) 12-tooth Gears
(2) 36-tooth Gears
(2) 60-tooth Gears
(1) 84-tooth Gears
(5) Bearing Flats
(4) Shaft Collars
(1) 2" Long Shaft
(1) 3" Long Shaft
(10) Bearing Mounting Pop Rivets
(4) 8-32 Standoff 1" Long
(4) 8-32 Standoff 2" Long
(18) 8-32 Keps Nuts
(18) 8-32 x 1/2" Long Button Head Screws
(2) Wide C-Channels, 25 Holes Long
(1) Narrow C-Channels, 25 Holes Long