



UNIVERSAL  
SERVO CORE  
MODULE FOR  
OEM CUSTOM  
APPLICATION

**TITAN-SVX-CR**  
Servo Driver/Controller Core  
for OEM Custom Applications

**5.0**<sup>servo))</sup>  
New Era  
In Servo Intelligence

**2<sup>ND</sup>**  
Sight  
Edge Analytics  
In Motion



**TITAN-SVX-CR**  
Servo Driver/Controller Core  
for OEM Custom Applications



TITAN-SVX-CR is a core module version of the TITAN Servo Technology in a compact package, ideal for high-volume customized OEM applications.

TITAN-SVX-CR has integrated motor drive circuitry including the power FET's and includes all the software features available in the standard TITAN Servo product line. All that's needed are the power input for the FET's, 5V CPU power input, and communication and digital IO interface circuitry with application specific connectors.

## Specifications

### Power Input

- 24-48 VDC
- 8A Max Current
- +5VDC
- 4A Max Current  
(16A Max for High Current version)

### Digital and Analog IO

- 8 x TTL Digital Inputs
- 3 x TTL Digital Outputs
- 1 x Analog Input 0-5V range

### Electrical and Thermal Specifications

- Digital Input Forward Diode Max Current: 25mA
- Digital Output Collector Max Voltage: +24V
- Digital Output Sink Max Current: -45mA
- Operating Temperature: -20 to 80°C
- Storage Temperature: -55 to 150°C

### Communication

- 2 x UART
- 1 x SPI

### Connector

- 50 pin 1.27mm header for IO and communication
- 34 pin 1.27mm header for power input and motor  
(2.54mm header for High Current version)