

SV7 Servo Drives

Digital Servo Drives with Multiple Control Options



Product Features

- Sinusoidal commutation
- Digital servo control
- Advanced current control
- Flexible control options
- Programmable versions
- CANopen fieldbus
- Ethernet communications option
- Compact size
- Optional buffered encoder outputs

Series Details

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The SV7 series servo drives are suitable for a wide range of motion applications. They are built around a powerful digital signal processor coupled to an efficient MOSFET PWM amplifier. The SV7 drives include 12 optically isolated I/O points plus analog inputs. A sophisticated, yet easy to tune position loop has independent digital settings for proportional, integral and derivative gains plus velocity feedback and velocity and acceleration feed-forward.

All SV7 drives are capable of running brushless, brushed, and linear servo motors. A timing wizard automatically configures the encoder and commutation timing for virtually any brushless or brushed DC motor. Tuning is easy with our *Quick Tuner™* software, featuring a built-in digital oscilloscope.

To select the best servo drive for your application browse the [servo drives](#) page.

Products in the Series *SV7 Servo Drives*

Model Number	Supply Voltage	Control Modes	Output Current, Continuous	Output Current, Peak	Communication Ports	1pc.
SV7-Q-AE	24-80 VDC	Streaming Commands, Analog Positioning, Encoder Following, Q Programming	7.0	14.0	RS-232	\$540.00
SV7-Q-AF	24-80 VDC	Streaming Commands, Analog Positioning, Encoder Following, Q Programming	7.0	14.0	RS-232	\$636.00
SV7-Q-EE	24-80 VDC	Streaming Commands, Analog Positioning, Encoder Following, Q Programming	7.0	14.0	Ethernet	\$716.00
SV7-Q-RE	24-80 VDC	Streaming Commands, Analog Positioning, Encoder Following, Q Programming	7.0	14.0	RS-232, RS-485	\$672.00
SV7-S-AE	24-80 VDC	Step & Direction, Analog Torque / Velocity, Streaming Commands, SiNet Hub Compatible	7.0	14.0	RS-232	\$506.00
SV7-S-AF	24-80 VDC	Step & Direction, Analog Torque / Velocity, Streaming Commands	7.0	14.0	RS-232	\$574.00
SV7-S-RE	24-80 VDC	Step & Direction, Analog Torque / Velocity, Streaming Commands	7.0	14.0	RS-232, RS-485	\$581.00
SV7-Si-AE	24-80 VDC	Si Programming	7.0	14.0	RS-232	\$588.00
SV7-Si-AF	24-80 VDC	Si Programming	7.0	14.0	RS-232	\$727.00