



SIXpack2

**6-Axis
Controller / Driver
1.4A / 48V**

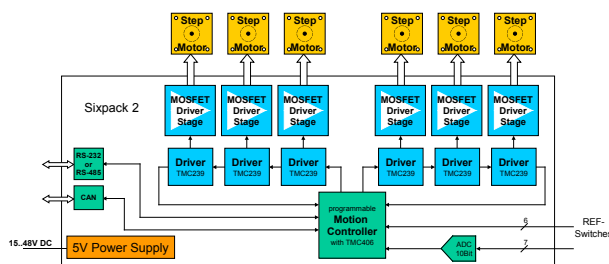
INFO The SIXpack2 is a highly integrated stepper motor controller unit in a small and robust housing. Up to six 2-phase motors can be driven independently or with linear interpolation in any combination. With three interface options and integrated drivers it is easily integrated in all kinds of automatization environment where motion control is desired. The SIXpack can be remote-controlled using a simple command set, which is identical for all interface options.

An assembled cable for motor and reference switch connectors is available as an accessory.

In terms of software and current settings the new SIXpack2 is fully upward-compatible to the old SIXpack and QUADpack.

MAIN CHARACTERISTICS

- ELECTRICAL DATA**
 - up to 1.4A RMS coil current (2A peak)
 - supply voltage 15V to 48V
 - up to 16-times microstepping
- SUPPORTED MOTORS**
 - two-phase bipolar motors with 0.3A to 1.4A coil current
- INTERFACE**
 - CAN, RS-485 and RS-232
 - I/Os: Limit and reference switch input for each motor, one analog input per motor
- FEATURES**
 - highly dynamic and fast response drive
 - on-the-fly change of position and velocity
 - automatic ramp generation
 - linear interpolation of up to 6 axis
- SOFTWARE**
 - simple software protocol
 - comes with PC evaluation software
- OTHER**
 - robust steel housing
 - RoHS compliant
 - size: 180 x 152 x 35 mm



ORDER CODE	DESCRIPTION
TMC SIXpack2	6-axis controller / driver unit 1.4A /48V
TMC SIXpack2-CABLE	SIXpack 2 motor connector cable