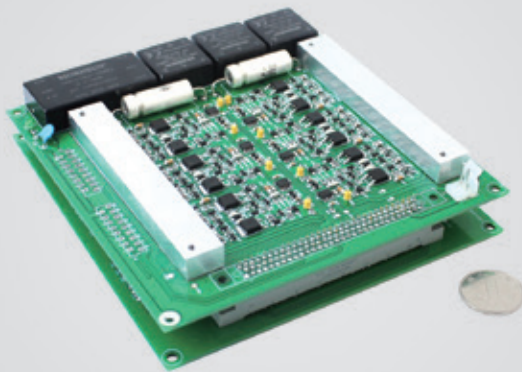


6 Channels | E80.B6S-K

Board-Type Piezo Controller



Introduction

E80.B6S-K board-type piezo controller has 6-channel outputs that contain 2 constant voltage output. It is designed for driving piezo steering mirrors, and can drive CoreMorrow P33.T2S piezo steering platform to operate at $\pm 0.1\text{mrad}@100\text{Hz}$ very stably.

Characteristics >>

- 6 outputs, including 2 constant voltage outputs
- Output voltage 0~100V
- Bandwidth to 10kHz
- Closed-loop servo control
- For driving piezo steering platforms, etc.

Applications >>

- Driving piezo actuator
- Driving piezo nanopositioning stage
- Driving piezo objective scanner
- Driving piezo shifter
- Driving FTS fast tool positioner
- Driving piezo scanning platform
- Driving capacitive load



Harbin Core Tomorrow Science & Technology Co., Ltd.

Tel: +86-451-86268790

Email: info@coremorrow.com

Headquarters: Building I2, No.191 Xuefu Road, Nangang District, Harbin

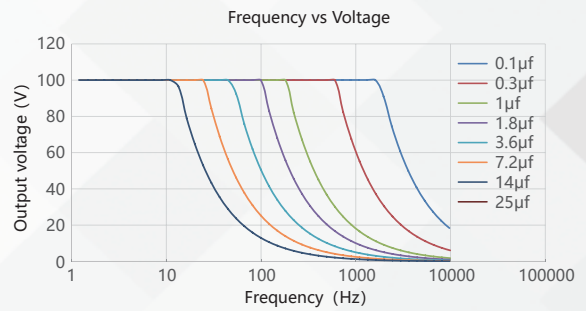
Fax: +86-451-86267847

Web: www.coremorrow.com

Shanghai Office: Building 2, No.608 Shengxia Road, Pudong District, Shanghai

Technical Data >>

Model	E80.B6S-K
Function	Board-type controller
Channels	6, including 2 voltage constant output
Nominal analog input(V)	0~10
Nominal output voltage(V)	0~100
Input power(W)	36
Peak current(A)	0.9/channel
Ave. current(mA)	48/channel
Input impedance(k Ω)	100
Bandwidth(Hz)	10k/channel
Ripple, RMS(mV)	10/channel(2.2 μ F)
PZT connector	J30J-15(female)
Control input connector	J30J-15(female)
Sensor type	SGS
Sensor output voltage(V)	0~10(\pm 10 for constant voltage version)
Servo	PI
Ripple(mV)	20
Operating temperature($^{\circ}$ C)	-40~55
Overcurrent protection	yes
Static power dissipation(W)	11
Cooling	Cooling fin
Size L \times W \times H(mm)	150 \times 150 \times 40, two layers
Mass(g)	460
Power supply	12V/3A
Power supply port	Inter-board connector
Control way	Analog signal control

Curves >>


Disclaimer: The data here are typical, only for reference. Some variations will occur for different batch.

