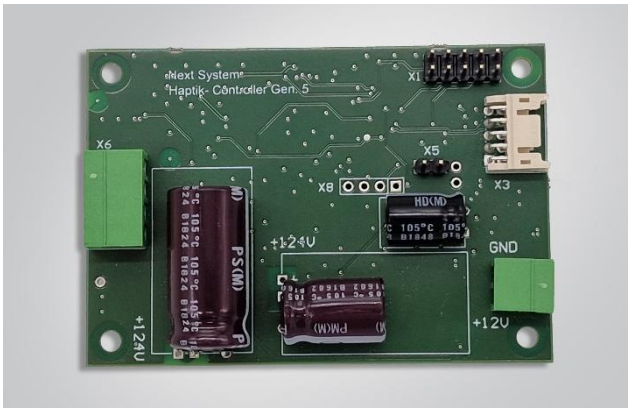
HAPTIC-FORCE CONTROLLER Gen5

Product Brief

Feature List

- Communication interface: USB or UART
- Single supply voltage 12 V
- Comfortable API control
- Up to four HAPTIC-FORCE ACTUATOR M1 can be driven
- Fifth controller generation



Technical Data

Parameter	Value
Mechanical dimensions	74 x 51 x 20 mm
Weight	29 g
Operating temperature	−20 °C ... +70 °C
Storage temperature	−30 °C ... +85 °C
Communication interface	USB or UART

Electrical Characteristics at 25 °C

Parameter	Value
Input voltage	12V DC
Input current	6 mA (typ.), 0.25 A (max, 15 ms pulse)
Output voltage range	0 ... 120 V
Number of actuators	Max. 4 piezo actuators (M1) in parallel
Pulse frequency range	20 ... 1000 Hz
Waveform	Half-sine, rectangular, sawtooth
Force sensing methods	Piezo or capacitive sensing

NEXT SYSTEM Vertriebsges.m.b.H. | Strohbogasse 4 |1210 Vienna | Austria
+43 1 33166–0 | info@nextsystem.at | www.nextsystem.com

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