



PRODUCT



PID01

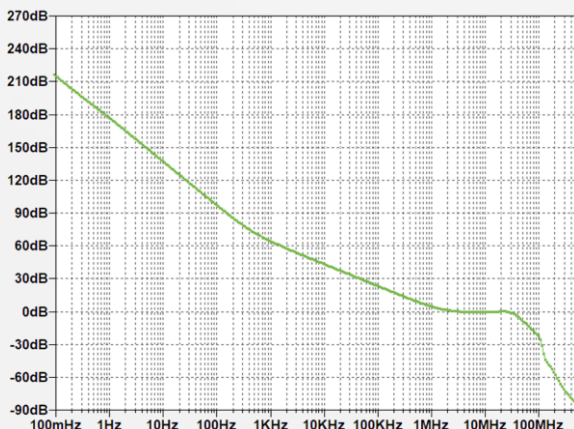
HIGH SPEED SERVO CONTROLLER

PID-01 is a High-Speed Servo Controller that is digitally controlled using an integrated touchscreen. It provides Proportional, simple Integrator and double Integrator functions. It features ultralow voltage noise, more than 200 dB open-loop gain and a bandwidth of > 30 MHz



SPECIFICATIONS

- Number of outputs: 1 + one monitor
- Number of inputs : 1 + one monitor
- Output impedance: 50 Ω
- Input impedance: 50 Ω
- Input Voltage range max: -5V / +5V
- Output Voltage range max: -4,5V / +4,5V
- Output/Input connectors: SMA female
- Control Bandwidth: > 30 MHz
- Output offset range: - 2V / + 2V
- Product dimensions: 155mm x 150mm x 112mm
- Product weight: approx. 1.5 kg
- Proportional Gain :
from - 28 dB to 23 dB (0.2 dB increments)
- Simple Integrator :
from 100 Hz to 10 MHz (16 settings)
- Double Integrator :
from 100 mHz to 1 MHz (16 settings)



PERFORMANCES

Typical bode diagram of the module:

