

PMC2 Laser Marking Controller

Advanced PCI Bus Laser Marking Controller

Intro

PMC2 is the advanced PCI interface card designed for laser marking system, featuring complete stepper motor and servo motor control function and ability to control four axis at the same time. It supports digital galvo motor, compatible with XY2-100 protocol, and control analog galvo motor through DA2-16 daughter board. It provides a variety of expanded boards for all kinds of connection requirements.



Feature

- Support digital scanners with XY2-100 Protocol.
 - For analog scanners, signals are converted by DA2-16 daughter board.
 - Built-in DSP, marking computing does not hold CPU time.
 - Galvo-motor-position updating rate at 10 μ s.
 - FPK, PPK, R05 first pulse suppression.
 - Two 10Bit analog laser control signals.
 - Support 3-axis encoder inputs.
- For usage such as detecting object position of fly-marking and XY table.
- PWM maximum output frequency is 10MHz, minimum pulse width is 0.08 μ s.
 - 4-axis pulse/direction digital control signals, the maximum output frequency is 2MHz.
 - Provide general purpose 16 digital outputs, 16 digital inputs.
 - Provide specific 16 laser control digital outputs.
 - Allow up to 4 cards installed on a PC simultaneously.
 - Support Windows XP / Vista / 7 / 8 / 8.1 / 10 .

We reserve right to alter, edit or remove any function, in whole or in part, at our sole discretion.



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