

TRINAMIC MOTION CONTROL



2009-Q2

# NEW PRODUCTS & UPDATES



MAY-2009, GUIDO GANDOLFO



## OVERVIEW

### PANdrives

2 new models for PD-113 series

- PD3-113-57-SE
- PD4-113-57-SE

### QMot MOTORS

- QSH5718 new series
- QSH8618-96-55-700 (new model)

### OTHER

new free sample program for IC products

# PANdrive™: PD-113-57/60-SE



## 2 NEW MODELS FOR PD-113 SERIES

**PD1-113-57-SE** (-option): 0.55 Nm / 65 mm / QSH5718-41-28-055

**PD2-113-57-SE** (-option): 1.01 Nm / 75 mm / QSH5718-51-28-101

**PD3-113-57-SE** (-option): 1.26 Nm / 80 mm / QSH5718-56-28-126

**PD4-113-57-SE** (-option): 1.89 Nm / 100 mm / QSH5718-76-28-189

**PD1-113-60-SE** (-option): 1.10 Nm / 48 mm / QSH6018-45-28-110

**PD2-113-60-SE** (-option): 1.65 Nm / 52 mm / QSH6018-56-28-165

**PD3-113-60-SE** (-option): 2.10 Nm / 61 mm / QSH6018-65-28-210

**PD4-113-60-SE** (-option): 3.10 Nm / 74 mm / QSH6018-86-28-310

## ORDER OPTIONS:

**-232 / -485** (RS-232 or RS-485 interface, TMCL firmware)

# PANdrive™: PD-113-57-SE



## STEPPER MOTOR WITH CONTROLLER/DRIVER AND ENCODER

### MAIN FEATURES:

- low cost
- power supply 24V DC
- integrated absolute **sensOstep™** encoder (max. 256 cpr)
- **stallGuard™** for sensorless motor stall detection
- up to 1/16 times microstepping
- dynamic current control
- **chopSync™** for high speed operation
- RS232 or RS485 interface
- 2 inputs for reference and stop switches
- 2 GP inputs & 2 GP outputs



# QMot MOTORS: QSH5718 new series



## 2 PHASE HIGH TORQUE HYBRID STEPPER MOTOR

57mm flange (NEMA 23) / 1.8° step angle (200 steps/rev)

**QSH5718-41-28-055** / 41mm / 2.8A / 0.55 Nm

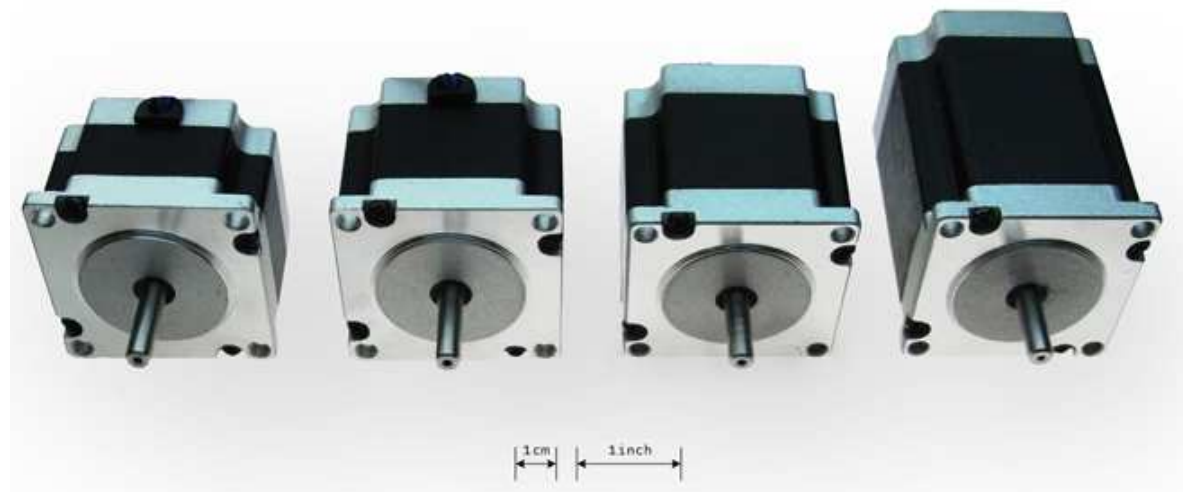
**QSH5718-51-28-101** / 51mm / 2.8A / 1.01 Nm

**QSH5718-56-28-126** / 56mm / 2.8A / 1.26 Nm

**QSH5718-76-28-189** / 76mm / 2.8A / 1.89 Nm

Made in China

Suitable for  
TMCM-102, TMCM-351,  
TMCM-035, IDX 7505,  
MONOpack 2, etc.



# QMot MOTORS: QSH5718 new series



## 2 PHASE HIGH TORQUE HYBRID STEPPER MOTOR

The old series QSH5718 with the models

**QSH5718-41-30-047** / 41mm / 3.0A / 0.47 Nm

**QSH5718-55-30-098** / 55mm / 3.0A / 0.98 Nm

**QSH5718-79-30-163** / 79mm / 3.0A / 1.63 Nm

will be discontinued in 2010 and are

**NOT FOR NEW DESIGN**

Made in EU



# QMot Motor: QSH8618



## 2 PHASE HIGH TORQUE HYBRID STEPPER MOTOR

new model for the QSH8618 family:

- 86\*86 [mm] flange (NEMA34)
- 1.8° step angle

### QSH8618-96-55-700

- 96mm length
- 5.5 A
- 7.0 Nm

Suitable for TCM-078, TCM-142, IDX7505



# TRINAMIC: FREE SAMPLE PROGRAMM



## TRINAMIC INTRODUCED A FREE SAMPLE REQUEST WEBSITE

On the website [www.trinamic.com/freesamples](http://www.trinamic.com/freesamples) it will be possible for customers to order up to 3 free samples of IC-Products.

This offer is limited to 3 samples in 6 month per customer.

TRINAMIC Motion Control GmbH & Co. KG: CHIPS AND SYSTEMS FOR MOTION CONTROL

 **TRINAMIC**  
MOTION CONTROL

**SAMPLE REQUEST**

For more information about us and our products visit [trinamic.com](http://trinamic.com)

**ORDER YOUR FREE SAMPLE:**

The banner features a background image of several integrated circuit chips. The text is overlaid on this image. At the top, it reads "TRINAMIC Motion Control GmbH & Co. KG: CHIPS AND SYSTEMS FOR MOTION CONTROL". Below this, the Trinamic logo is on the left, followed by the words "SAMPLE REQUEST" in large, bold, white capital letters. At the bottom left, there is a blue box containing the text "For more information about us and our products visit" and the website "trinamic.com". At the bottom center, the text "ORDER YOUR FREE SAMPLE:" is displayed in blue capital letters.