

## World-class components of EcoDriveCN variable speed drive (frequency inverter), servo drive, inverter, and other power electronics

Nowadays, [frequency inverters \(variable speed drives\), servo, motor soft starters, and other related power electronics](#) are widely applied in the industries for **energy saving, motor control, or motion control**.

The operation environment for these products is usually bad, for example, high temperature, high moisture (humidity), and dusty. These bring the challenge for stable running of power electronics.



[V&T Technologies Co., Ltd.](#) uses world class components for EcoDriveCN power electronics products. For example, it adopts **high speed DSP chip from TI, integrated IGBT module from Germany Eupec (Infineon) & Fuji**. Even for some small components, it uses the high quality ones, such as **DC relay from Japan Omron, capacitor from Japanese Hitachi**.

These measurements ensure **V&T Technologies Co., Ltd.** manufacturing superb variable frequency drives, servo, motor soft starters... They also make it possible to **compete with ABB, Siemens, Schneider and other top brands in the market**.

Name	Model	Origin or Brand
DSP chip	TMS2806(high speed)	USA TI
CPU chip	ATmega16	USA ATMEL
IGBT module	FF200R12KE3	Germany EUPEC

Professional manufacturer of vector control frequency inverter (variable speed drive, AC drive, VSD, VFD, variable frequency drive, VVVF), servo, motor soft starter...



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		(Infineon)
bridge rectifier	PT200S16	Japan SANREX
electrolytic capacitor	400V-3900 $\mu$ F	Japan Hitachi
voltage comparator	LM393ADR-SOIC-8P-150MIL	USA LINEAR
Optocoupler	HCPL-316J	USA HP
Optocoupler	P181	Japan Toshiba
Hall sensor	HAS150-S	USA LEM
Cooling fan	EFB0824EH	Taiwan Delta
High voltage diode	BYV26E-1000V-1A-SOD57	PHILIPS
Diode	SS14	USA ST
Operational amplifier (OPAMP)	TL084	USA TI
Non-inductive capacitor	1200V-1 $\mu$ F+-10%-54x33.5x21-30.0	Japan Hitachi
DC relay	892-1CC-C-24V	Japan Omron



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**Simple introduction of company:**

**V&T Technologies Co., Ltd.** is manufacturing [variable speed drive \(frequency inverter\), servo](#)

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[drive, motor soft starter, inverter, and other power electronics.](#)

EcoDriveCN variable speed drives (frequency inverters) are used for [motor control, motion control, energy saving and process control](#): [plastic injection moulding machine](#), machine tools, [air compressor](#), [constant pressure water supply](#), civil engineering, conveyor belt, [sewage disposal \(wastewater treatment\)](#), [extruder \(extrusion machine\)](#), fan and pump, HVAC, food and beverage industry, oil, [mining industry](#), [sugar industry](#), industrial washing machine, etc.

[As the leading and professional factory with optimum drives, we are competing with ABB, Siemens, Yaskawa, Schneider, AB in the world.](#)

From 200VAC to 1140VAC, power rating is from 0.4KW to more than 3MW (0.5hp to more than 4000hp).



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