

Vincotech



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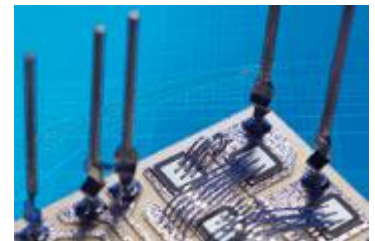
Vincotech, a Mitsubishi group company, is a fast growing manufacturer of Power Modules and Inverters with European Design and Production.

Power Modules

Vincotech's range of Power Modules and Inverters serve markets such as :

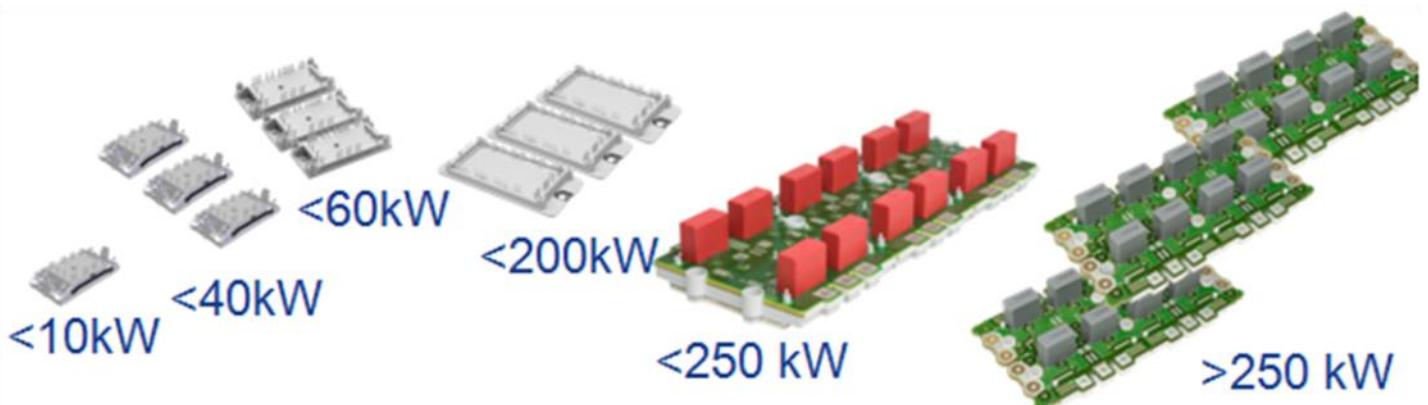
Motors Drives, Solar, UPS, Chargers, Energy Storage Systems and Welding.

The Vincotech range has **22 different standard housings** over a range of **17 different topology** types offering almost **400 different parts**, which means that Vincotech can offer a wide power modules. They can also offer **semi-custom** options depending on customer needs.



Vincotech's power modules include Intelligent Power Modules (**IPM**), Power Integrated Modules (**PIM**, a combination of input rectifier, inverter and brake chopper), **sixpack** inverters and rectifiers, **PFC-**, **H-bridge-**, **half-bridge-**, **booster-**, as well as **NPC/ MNPC/AMNPC** converter modules Vincotech covers a broad power spectrum, ranging from **4A to 1800A at 600V to 2400V** ideal for Motors Drives, Solar, UPS, Chargers, Energy Storage Systems and Welding.

- **>40 Year's Experience** in the Market
- Formerly Siemens Company now a **part of Mitsubishi**
- **Customised Topologies** plus **mini skip** alternatives
- **PIM, Solar, Half Bridge, Six Pack, PFC, H Bridge, Rectifier, Booster, NPC, M-NPC & AMNPC**
- **Ratings to 2400V & 1800A**



Broadband Technology 2000 Limited

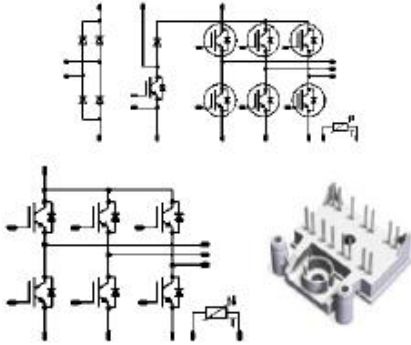
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Low Power Innovation

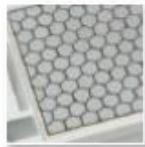
flowCIP 0B / flowPACK 0B
low-power drives



Support material



(Press-fit technology)



(Phase-change material)

0,5 – 250 kW

Flexible Designs

Semiconductor

Supplier Independency

Application Know How

Module Construction

High Power Innovations

Low inductance designs



(High power / low inductance / highest efficiency)

Topologies & Components

MiniSKiiP® real dual source



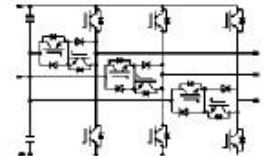
(Infineon and Mitsubishi chip sets)

SiC chip technology



(Diodes and JFETs)

NPC and MNPC latest topology



MiniSKiiP is a trademark of Semikron



flow 0 B



flow 0



flow 1
flow 1 B



flow 2



3xflowSCREW 4w



flow90 0
flow90 1



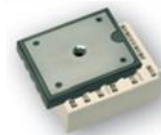
flowSCREW 2



flowSCREW 3



flowSCREW 4w
2xflowMNPC 4w



MiniSKiiP® 0
MiniSKiiP® 1
MiniSKiiP® 2
MiniSKiiP® 3

Broadband Technology 2000 Ltd

Product Areas

Semiconductors

VoIP DSP's
Ethernet NPU & NPA
Mixed Signal IC's
Clock & Timing / XO
PCI/PCIe
Powerline Communications
RF Interface
Mixed Signal Active Filter

Wireless/M2M

Antennae
GSM, GPRS & 3G Modems
3G Routers
3G & GPRS Gateways
4G/LTE
GPS Tracking Units
RF Cables
Connectors

Sensors

MEMS Accelerometers
MEMS Magnetic Sensors
MEMS Gyroscopes
MEMS Pressure Sensors

RF Microwave

Amplifiers
Attenuators
Switches

Power

Super Capacitors
Ultra Capacitors
Power Modules
Solid State Batteries
Energy Harvesting

Interconnect

Magnetics
Cable Assembly
Connectors

Systems

Ethernet NPU & NPA
Internet of Things
Powerline Communications
-Narrow & Broad-band
Quad ARM Core
Dev Board