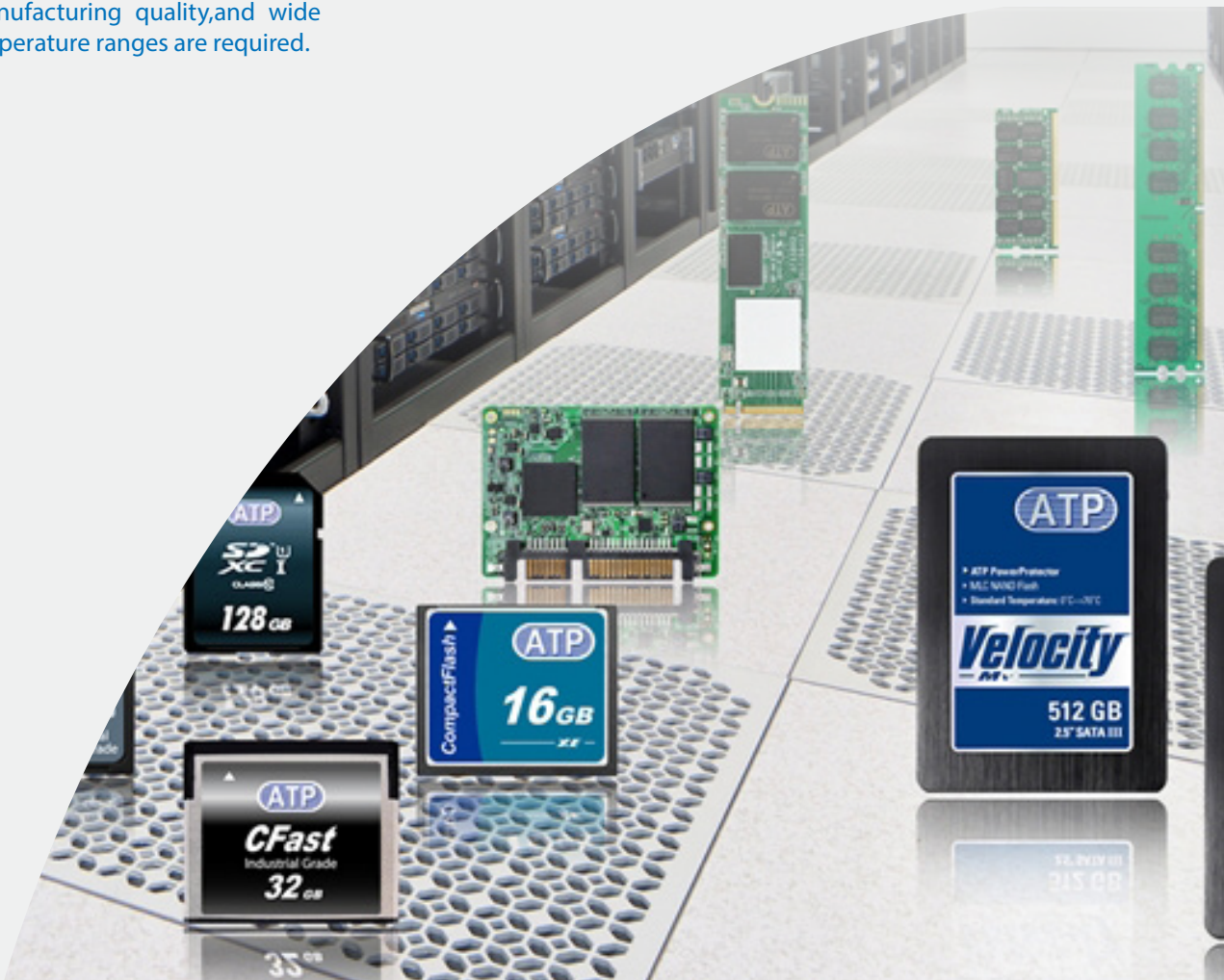# Alcom electronics

Featured supplier

ATP Electronics is a leading solutions provider of high performance, high quality and durable NAND flash and DRAM memory modules.

ATP continues to focus on mission critical applications such as industrial/automation, telecom, medical, automotive, and enterprise computing where high levels of technical expertise, manufacturing quality, and wide operating temperature ranges are required.

Industrial Grade DRAM & Flash Solutions

Applications & Markets

Networking & Telecom

Enterprise Mobility

IPC / Embedded Systems

Healthcare

Gaming

Internet of Things

Key Technology Differentiators in Solid State Storage Memory Solutions

Conformal Coating

Secure Erase

Gold Finger

Industrial Temperature

Advanced Wear Leveling

Power Protector

AutoRefresh/ Dynamic Data Refresh

SD Life Monitor/S.M.A.R.T.

SiP (System - in - Package)

Embedded SSD

Description

Embedded Solid State Drives for small form factor embedded storage with space constraints and high performance requirements for enterprise and industrial applications.

Form Factor

- M.2 NVMe SSD
- M.2 SSD
- mSATA SSD
- SlimSATA SSD
- eUSB SSD
- Industrial USB Drives

Managed NAND

ATP industrial managed NAND products combine raw NAND flash memory and hardware controller integrated within the same IC package. The integrated package simplifies the application interface design, allowing the internal controller to handle all the NAND flash memory management

- e.MMC

Flash Memory Cards

Memory Cards that are flash-based , industrial designed and engineered to perform consistently under conditions of extreme power fluctuation, temperature, shock, vibration and humidity.

- SD/SDHC/SDXC Card
- microSD/microSDHC Card
- CFast Card
- Compact Flash (CF) Industrial Card

Industrial 2.5" SSDs

2.5" SSDs utilizing premium NAND Flash ICs with high speed SATA interfaces, are optimized for business critical and top performance storage applications.
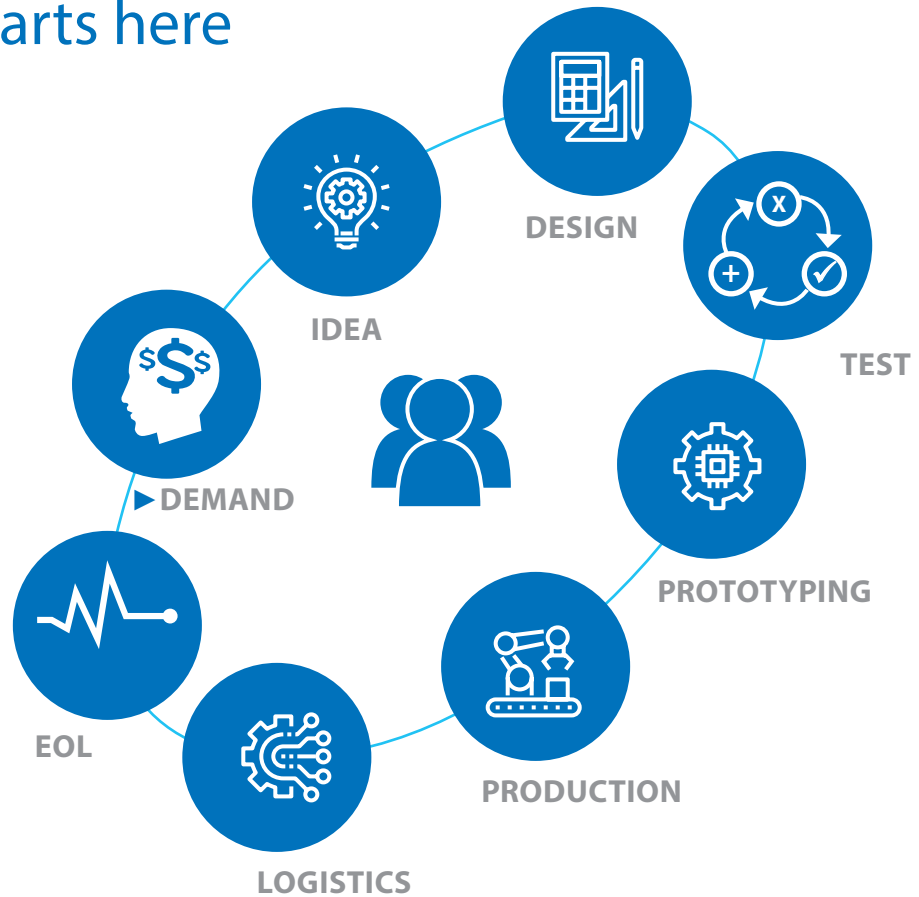
- SATA III

DRAM Modules

DRAM modules provide better quality and reliability for IPC and embedded systems against vibration, temperature extremes, or other harsh environmental conditions.

- DDR4 2666
- DDR4
- DDR3
- DDR2
- DDR1
- SDRAM

Co-creation starts here

DESIGN

IDEA

TEST

DEMAND

PROTOTYPING

EOL

PRODUCTION

LOGISTICS

ELECTRONIC COMPONENT SOLUTIONS	• Semiconductors • Passives • Electromechanical • Photonics
WIRELESS & NETWORKING	• Wireless Modules • Wireless Boxed • Networking & Connectivity
DISPLAY & TOUCH	• Display • Touch
LED & SOLID STATE LIGHTING	• LED • Solid State Lighting
EMBEDDED COMPUTING	• SBC, CPU & IPC • Memory Storage • Rugged Mobile Computing
POWER & EMC	• Power Conversion • EMC

Alcom
electronics

Alcom Belgium

Alcom electronics nv/sa

Singel 3
2550 Kontich

Tel   +32 (0)3 458 30 33
Fax +32 (0)3 458 31 26

info@alcom.be
www.alcom.be

Alcom Netherlands

Alcom electronics bv

Rivium 1e straat 52
2909 LE Capelle a/d IJssel

Tel +31 (0)10 288 25 00
Fax +31 (0)10 288 25 25

info@alcom.nl
www.alcom.nl

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