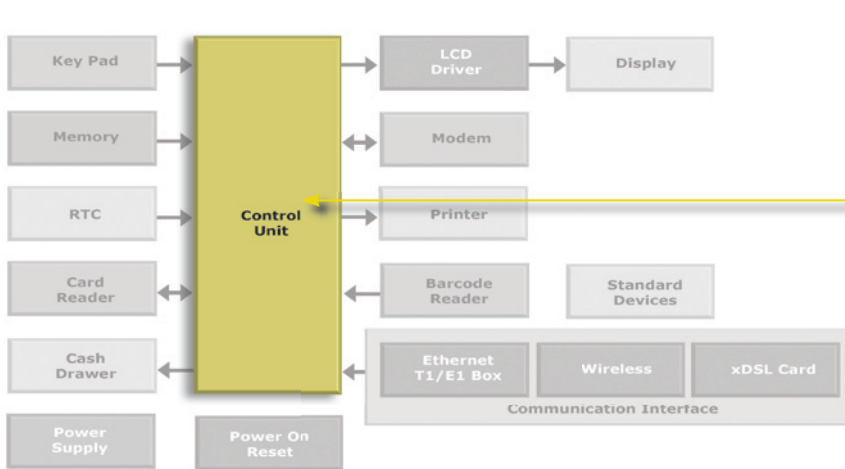# Solutions

STR7 ARM-based 32-bit Flash MCU
with USB and CAN gives you control over power and performance, and brings innovation to your design

Innovative products for multi segment application systems
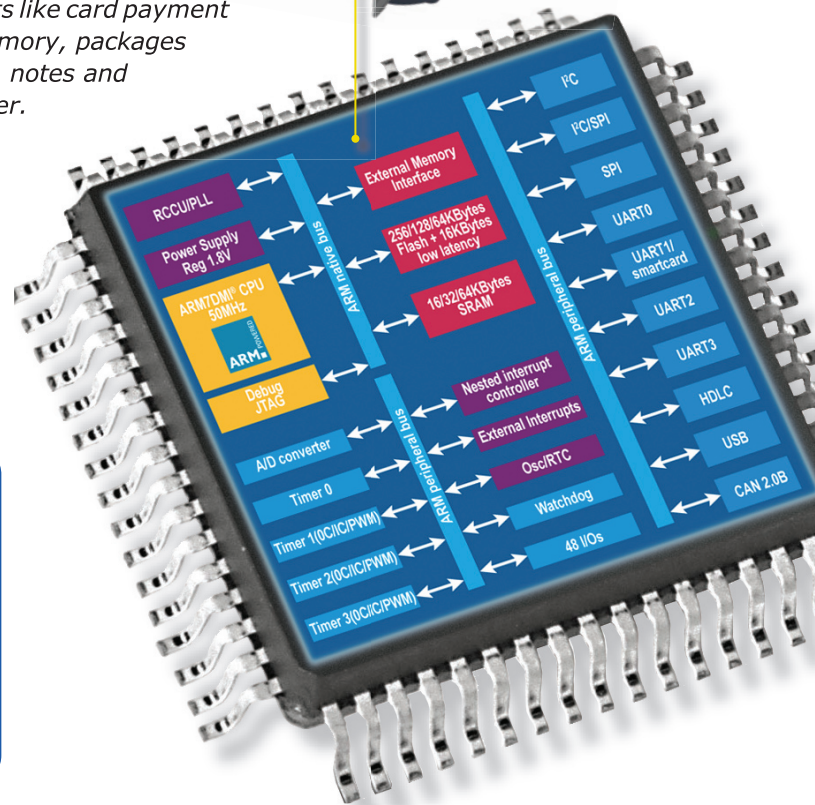

With the STR7 ARM7TDMI MCU, designing versatile products like card payment terminals is easy. STR7 family offers a large choice of memory, packages and peripherals. Extensive application support (application notes and software libraries including USB) makes design even easier.

Key Benefits

- Future-proof 32-bit ARM-based microcontrollers
- Largest choice of peripherals and interfaces including USB and CAN
- Flexible power & clock management with two independently clocked APB peripheral buses
- High quality embedded Flash (20 years retention)
- Extensive software & easy-to-use evaluation kits

Key Applications

- POS: Secure card reader, receipt printer, bill validation...
- USB devices: Security token, card reader...
- Industrial: Factory automation, circuit breaker, industrial network, PLC...
- HVAC and Building: Fire, access and security, alarm system, power meter...
- Medical: Patient monitoring, diagnostic systems...
- Appliances: Washing machine and dryer, dishwasher...
- Others: Hands free car kit, electric wheelchair, cellular phone base station...

For full documentation, developer kits, software and user forums, visit www.st.com/str7-arm

Solutions @