



STPC INDUSTRIAL

High Performance Industrial PC on a Chip

PRELIMINARY DATA

- POWERFUL X86 PROCESSOR
- 64-BIT 66MHz INTERNAL BUS
- 64-BIT 66MHz DRAM CONTROLLER
- SVGA GRAPHICS CONTROLLER
- CRT CONTROLLER
- 135MHz RAMDAC
- UMA ARCHITECTURE
- ADVANCED GRAPHICS COMPRESSION TECHNIQUE
- TFT DISPLAY CONTROLLER
- PCI MASTER / SLAVE / ARBITER
- LOCAL BUS INTERFACE
- ISA MASTER/SLAVE
- PC-CARD INTERFACE
 - PCMCIA
 - CARDBUS
 - ZOOM VIDEO
- I/O FEATURES
 - PC/AT+ KEYBOARD CONTROLLER
 - PS/2 MOUSE CONTROLLER
 - 2 SERIAL PORTS
 - 1 PARALLEL PORT
- IPC
 - DMA CONTROLLER
 - INTERRUPT CONTROLLER
 - TIMER / COUNTERS
- POWER MANAGEMENT

DESCRIPTION

The STPC Industrial integrates a fully static x86 processor, fully compatible with standard fifth generation x86 processors, and combines it with powerful chipset, graphics, TFT, PC-Card, Local Bus, keyboard, mouse, serials and parallel interfaces to provide a single Industrial oriented PC compatible subsystem on a single device.

The STPC Industrial is packaged in a 388 Plastic Ball Grid Array (PBGA).

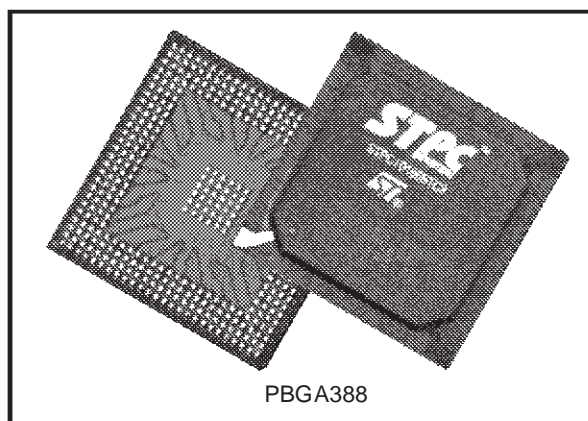


Figure 1. Logic Diagram

