

# ICD20291

## PC Notebook/Subnotebook/Palmtop Clock Generator

Second-Generation Single-Chip Oscillator for Portable 3.3V & 5V Personal Computers

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- 8 Independent Clock Outputs Handle all Clocking for Portable Personal Computers
- Upward Compatible with Industry Standard ICD2028; Plug Compatible with ICD2029
- Multiple Power-Down Modes with Suspend & Shutdown Capabilities
- 4 User-Configurable Outputs
- CPU Clock Frequency Range: 196 KHz – 80 MHz (100 MHz @ 5V)
- Low Skew CPU Clock, CPU Clock +2 and Buffered CPU Clock Options
- Full Intel Clock Specification Compliance
- Supports Ethernet & SCSI Timing Specifications
- PLL Oscillator Input Derived from Single 14.31818 MHz or 20 MHz Crystal (Other Frequencies Available on Request)
- Battery Input Runs 32.768 KHz Clock During Power-Down
- 3-State Oscillator Control Disables Outputs for Testing
- 3.3V & 5V Operation
- Low-Power, High-Speed CMOS Technology
- Available in 20-Pin SOIC Package Configuration

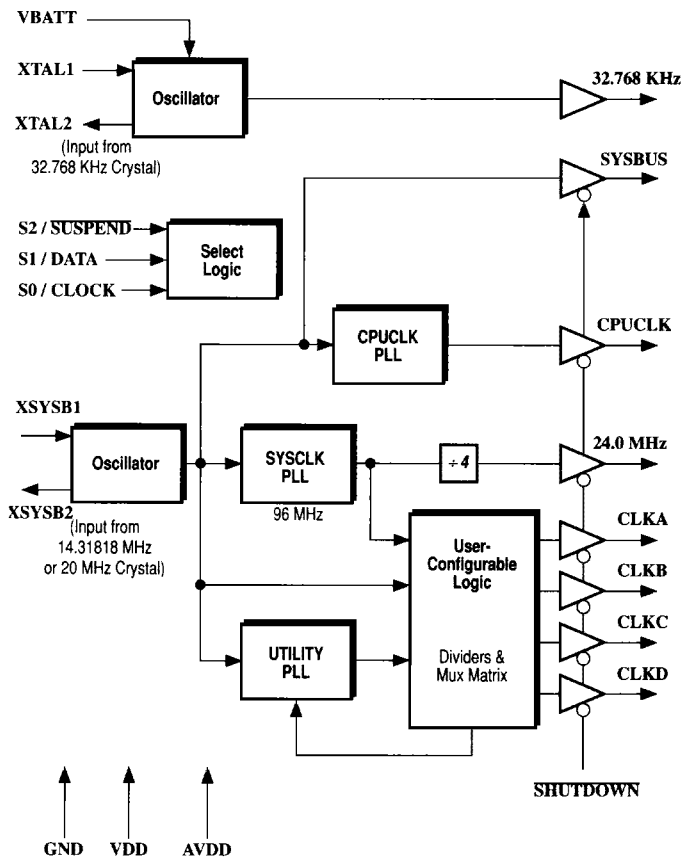


Fig. 2: ICD20291 Block Diagram

