

NM27C020

2,097,152-Bit (256K x 8) UV Erasable CMOS EPROM

General Description

The NM27C020 is a high speed 2 Megabit CMOS UV-EPROM manufactured on Fairchild's advanced sub-micron technology. Utilizing the AMG architecture, this advanced CMOS process delivers high speeds while consuming low power.

The NM27C020 provides microprocessor-based systems extensive storage capacity for large portions of operating systems and application software. Its 100ns access time provides no-wait-state operation with high-performance CPUs.

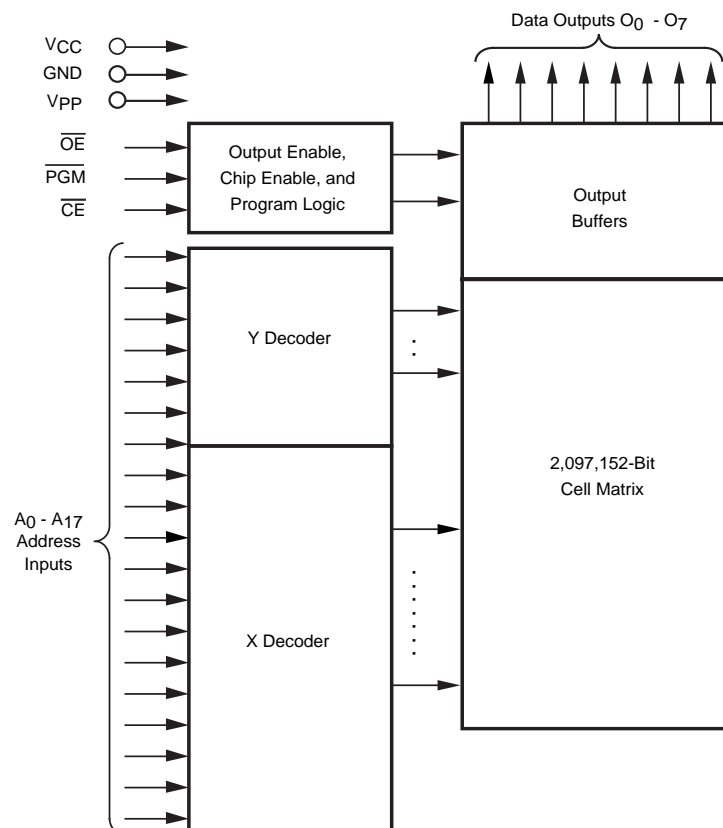
The NM27C020 offers a single chip solution for the code storage requirements of 100% firmware-based equipment. Frequently-used software routines are quickly executed from EPROM storage, greatly enhancing system utility.

The NM27C020 is manufactured using Fairchild's advanced CMOS AMG EPROM technology, and is one member of a high density Fairchild EPROM series family which range in densities up to 4Mb.

Features

- High performance CMOS
 - 100 ns access time
- Simplified upgrade path
 - V_{PP} and PGM are "Don't Care" during normal read operation
- Manufacturers identification code
- JEDEC Standard Pin Configuration
 - 32-pin CERDIP package
 - 32-pin PLCC package
 - 32-pin PDIP package

Block Diagram



DS010835-1



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\$150 US for 3 months membership, and \$500 US for a yearly membership.

“Searchdatasheets provides users with one of the Internet’s most complete sources for obsolete datasheets,” said Ariel Zriel, President, Market Maker Systems.

As the life-cycle of components is shortened by the constant demand for faster and better technology, electronics parts are being rendered obsolete at an unprecedented rate. Searchdatasheets gathers and stores the fact sheets, which explain how to use those components.

“Once a component manufacturer decides to eliminate a component datasheet from its web site,” said Zriel, “we take over and list it along with the millions of other datasheets that our users can quickly access.”

Users can perform standard searches for datasheets, or use the cross-reference search option if they want to find a compatible part from another manufacturer.

Searchdatasheets also informs its users when parts are going to become obsolete, providing them with timely product change notification (PCN), product discontinuation notices (PDN) and end of life (EOL) notification.

Searchdatasheets is the only database of its kind that has components engineers onstaff.

That means users can count on assistance from qualified personnel when performing cross-reference searches. Searchdatasheets engineers also regularly research and add and new datasheets to the system.

“We have full-time Engineers on-staff to research and add datasheets if the information is not currently on our site,” said Zriel. “We are providing a place for users to have their questions answered quickly. Our aim is to build a community for components engineers who need help in product design.”

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