
PART NUMBER**933HMB-ROCV**

Rochester Electronics**Manufactured Components**

Rochester branded components are manufactured using either die/wafers purchased from the original suppliers or Rochester wafers recreated from the original IP. All re-creations are done with the approval of the Original Component Manufacturer. (OCM)

Parts are tested using original factory test programs or Rochester developed test solutions to guarantee product meets or exceeds the OCM data sheet.

Quality Overview

- ISO-9001
- AS9120 certification
- Qualified Manufacturers List (QML) MIL-PRF-38535
 - Class Q Military
 - Class V Space Level

Qualified Suppliers List of Distributors (QSLD)

- Rochester is a critical supplier to DLA and meets all industry and DLA standards.

Rochester Electronics, LLC is committed to supplying products that satisfy customer expectations for quality and are equal to those originally supplied by industry manufacturers.

The original manufacturer's datasheet accompanying this document reflects the performance and specifications of the Rochester manufactured version of this device. Rochester Electronics guarantees the performance of its semiconductor products to the original OCM specifications. 'Typical' values are for reference purposes only. Certain minimum or maximum ratings may be based on product characterization, design, simulation, or sample testing.

RTL/CTL

FAIRCHILD RTL MICROLOGIC AND CTL COUNTING MICROLOGIC ELEMENTS

Item	DEVICE NO.	Description	Logic/Connection Diagram	Package(s)	Item	DEVICE NO.	Description	Logic/Connection Diagram	Package(s)
0700191	900	Buffer	F8	3F,5B	3014	913	D Flip-Flop	F6	3F,5B
202	901	Counter Adapter	F18	3F,5B	075	914	Dual 2-NOR	F13	3F,5B
213	902	Flip-Flop	F19	3F,5B	316	915	Dual 3-NOR	F14	3F,5B
224	903	3-Input NOR	F9	3F,5B	317	921	Dual 2-Expander	F7	3F,5B
235	904	Half Adder	F10	3F,5B	318	922	JK Flip-Flop	F15	5B
246	905	Half Shift	F11	3F,5B	319	923	JK Flip-Flop	F16	3F,5F
257	906	Half Shift	F20	3F,5B	320	927	Quad Inverter	F17	3F,5F
268	907	4-Input NOR	F12	3F,5B	321	958	Decade Counter	F21	5B,6A
279	908	Adder	F1	3F,5B	4022	959	4-Bit Latch	F22	6B
2810	909	Buffer	F2	3F,5B	4123	960	BCD Decoder/Dvr	F23	6B
2911	910	Dual 2-NOR	F3	3F,5B	424	974	JK Flip-Flop	F15	5B
3012	911	4-Input NOR	F4	3F,5B	4325	989	Binary Counter	F21	5B,6A
3113	912	Half Adder	F5	3F,5B					

DTL

DTL MICROLOGIC

Item	DEVICE NO.	Description	Logic/Connection Diagram	Package(s)
26	930	Dual 4-Input Extendable NAND Gate	G1	3I,5F,6A,9A
27	932	Dual 4-Input Extendable NAND Buffer Gate	G1	3I,5F,6A,9A
28	933	Extender	G9	5F,9A
29	935	Extendable Hex Inverter	G12	3I,6A,9A
30	936	Hex Inverter	G12	3I,6A,9A
31	937	Hex Inverter	G12	3I,6A,9A
32	941	Monostable Multivibrator	G17	3I,6A
33	944	Dual 4-Input Extendable NAND Buffer Gate (Open Collector)	G1	3I,5F,6A,9A
34	945	RS Flip-Flop	G18	3I,5F,6A,9A
35	946	Quad 2-Input NAND Gate	G10	3I,5F,6A,9A