

FAIRCHILD DIGITAL

CMOS

MONOSTABLES

| Item | Function | DEVICE NO. | Typical Pulse Width Variation (%) V _{DD} = 15V | No. of Inputs | | Resettable | Output (tpw)-ns V _{DD} = 5.0V | Logic/Connection Diagram | Package(s) |
|------|---|------------|--|---------------|----------|------------|---|--------------------------|------------|
| | | | | Positive | Negative | | | | |
| 1 | Dual Retriggerable Resetable Monostable Multivibrator | 4528B | ±3% | 1 | 1 | X | 300 | C61 | 4L,6B,9B |
| 2 | Low Power Monostable/Astable Multivibrator | 4047B | — | 1 | 1 | X | — | C115 | 3I,6A,9A |
| 3 | Dual Precision Monostable Multivibrator | 4538B | ±0.5% | 1 | 1 | X | 200 | C116 | 4L,6B,9B |
| 4 | Micro Power Phase Locked Loop | 4046B | — | — | — | — | — | C117 | 4L,6B,9B |

ANALOG DEVICES

| Item | Function | DEVICE NO. | Enable Input | Max ON Resistance-Ω V _{DD} - V _{I/S} = 10V | Max OFF State Leakage Current-nA V _{DD} = 10V | Signal Capability V | Logic/Connection Diagram | Package (s) |
|------|--|------------|--------------|---|---|------------------------|--------------------------|-------------|
| 5 | Quad Bilateral Switch | 4016B | X | 840 | 125 | 0-15 ±7.5 | C63 | 3I,6A,9A |
| 6 | Quad Bilateral Switch | 4066B | X | 520 | 100 | 0-15 ±7.5 | C63 | 3I,6A,9A |
| 7 | Dual 4-Channel Multiplex/Demultiplex | 4052B | X | 600 | 100 | 0-15 ±7.5 | C64 | 4L,6B,9B |
| 8 | 8-Channel Multiplexer/Demultiplexer | 4051B | X | 600 | 100 | 0-15 ±7.5 | C65 | 4L,6B,9B |
| 9 | Triple 2-Channel Multiplex/Demultiplexer | 4053B | X | 600 | 100 | 0-15 ±7.5 | C96 | 4L,6B,9B |
| 10 | 16 Channel Mux/Demux | 4067B | X | 600 | 100 | 0-15 ±7.5 | C97 | 4M,6Q,9U |
| 11 | 4x4 Cross Point Switch | 4741B | X | 840 | 100 | 0-15 ±7.5 | C98 | 4L,6B,9B |

FAIRCHILD LOGIC/CONNECTION DIAGRAMS

DIGITAL-CMOS

