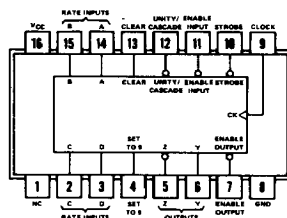


54/74 FAMILIES OF COMPATIBLE TTL CIRCUITS

PIN ASSIGNMENTS (TOP VIEW)

SYNCHRONOUS DECADE RATE MULTIPLIERS

167



SN54167 (J, W)

SN74167 (J, N)

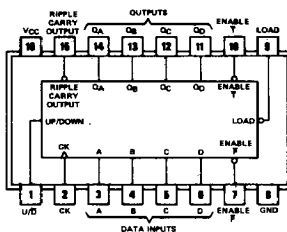
See page 7-222

NC — No internal connection

4-BIT UP/DOWN SYNCHRONOUS COUNTERS

168 DECADE

169 BINARY



SN54LS168A (J, W)

SN74LS168A (J, N)

SN54S168 (J, W)

SN74S168 (J, N)

SN54LS169A (J, W)

SN74LS169A (J, N)

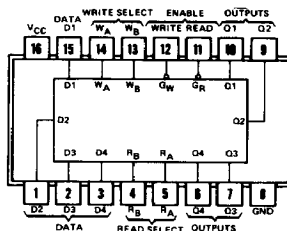
SN54S169 (J, W)

SN74S169 (J, N)

See page 7-226

4-BY-4 REGISTER FILES

170 SEPARATE READ/WRITE ADDRESSING
SIMULTANEOUS READ AND WRITE
OPEN-COLLECTOR OUTPUTS
EXPANDABLE TO 1024 WORDS



SN54170 (J, W)

SN74170 (J, N)

SN54LS170 (J, W)

SN74LS170 (J, N)

See page 7-237