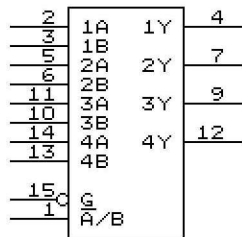
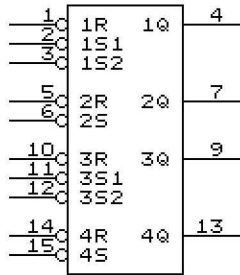
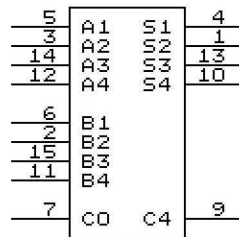
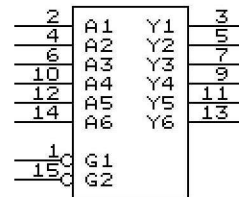
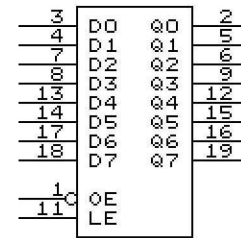
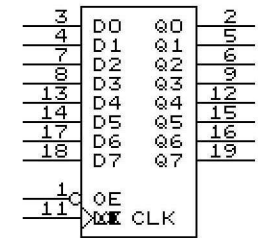
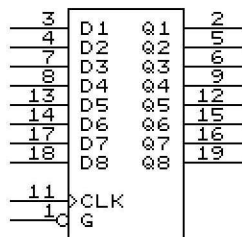
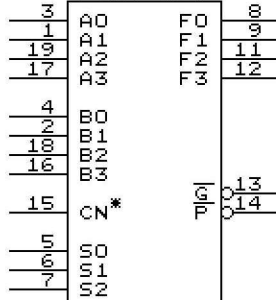


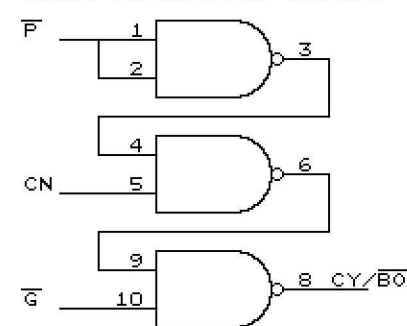
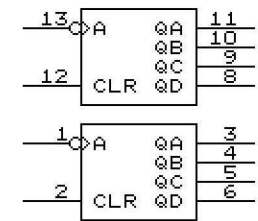
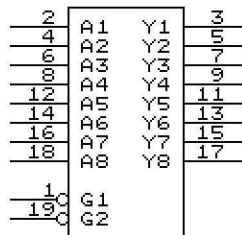
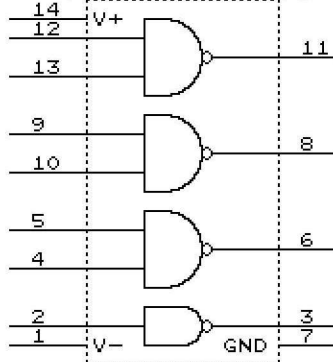
74LS257
QUAD 2-TO-1 MUX
TRISTATEVCC PIN #16
GND PIN #8**74LS279**
QUAD S-R LATCHVCC PIN #16
GND PIN #8**74LS283**
4-BIT ADDER
FAST CARRYVCC PIN #16
GND PIN #8**74LS365**
HEX BUFFER
WITH DUAL CONTROL
TRISTATEVCC PIN #16
GND PIN #8**74LS373**
OCTAL LATCH
TRANSPARENT
TRISTATEVCC PIN #20
GND PIN #10**74LS374**
OCTAL LATCH
+VE EDGE TRIG
TRISTATEVCC PIN #20
GND PIN #10**74LS377**
OCTAL LATCH
+VE EDGE TRIG
GATED CLOCKVCC PIN #20
GND PIN #10**74LS381**
4-BIT ALUVCC PIN #20
GND PIN #10

FUNCTION TABLE

S2	S1	S0	FUNCTION
0	0	0	0000 (CL)
0	0	1	B MINUS A
0	1	0	A MINUS B
0	1	1	A PLUS B
1	0	0	A ⊕ B
1	0	1	A + B
1	1	0	A.B
1	1	1	1111 (PR)

* CN = CY-IN FOR SUBTRACTION

CARRY EXTRACTION CIRCUIT

**74LS393**
DUAL 4-BIT
COUNTERVCC PIN #14
GND PIN #7**74LS465**
OCTAL BUFFER
WITH DUAL CONTROL
TRISTATEVCC PIN #20
GND PIN #10**MC1488**
LINE TRANSMITTER**MC1489**
LINE RECEIVER