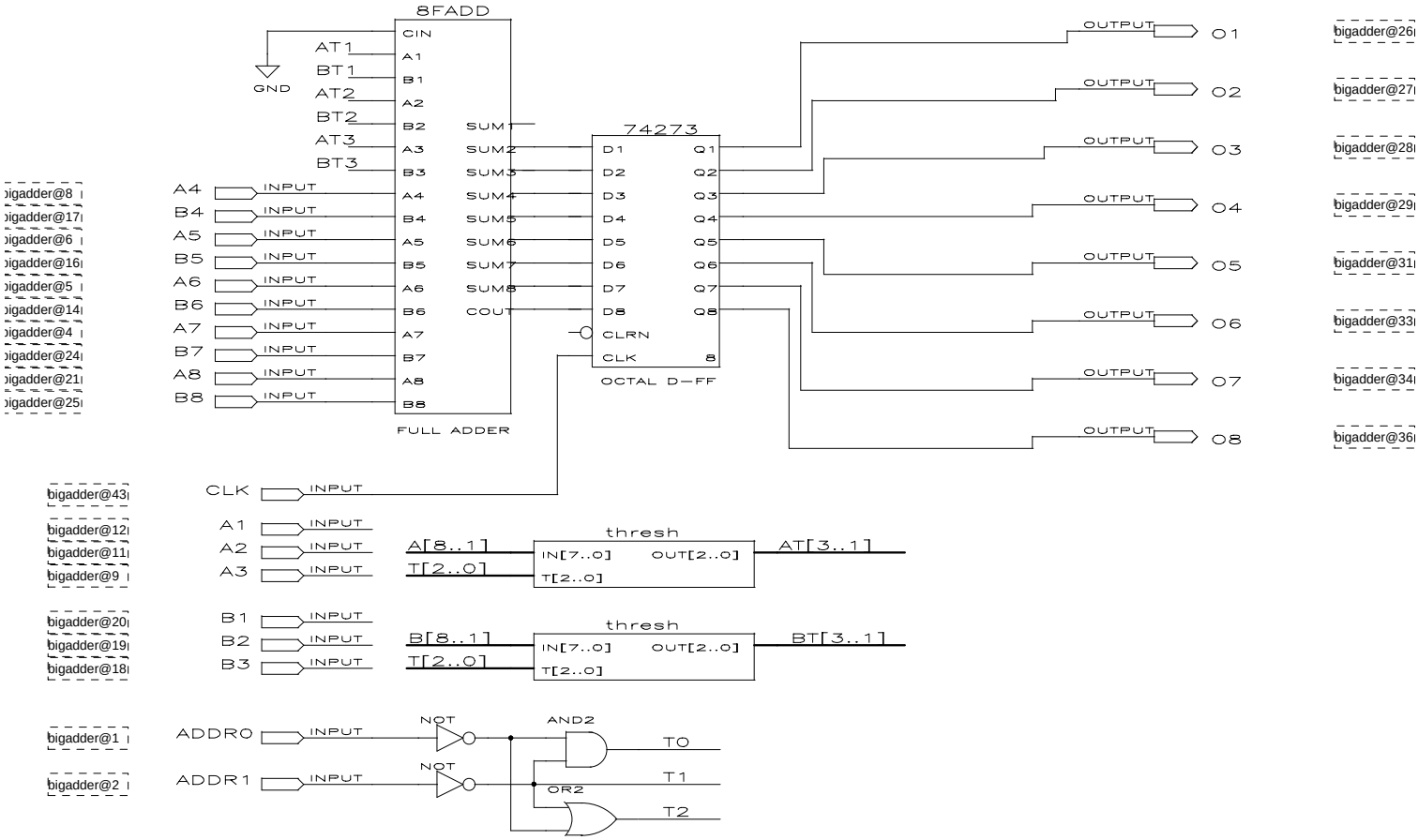
8FADD
CIN
A1
B1
A2
B2
A3
B3
A4
B4
A5
B5
A6
B6
A7
B7
A8
B8
SUM1
SUM2
SUM3
SUM4
SUM5
SUM6
SUM7
SUM8
COUT
FULL ADDER
GND
AT1
BT1
AT2
BT2
AT3
BT3
74273
D1
D2
D3
D4
D5
D6
D7
D8
Q1
Q2
Q3
Q4
Q5
Q6
Q7
Q8
CLRN
CLK
OCTAL D-FF
INPUT
OUTPUT
O1
O2
O3
O4
O5
O6
O7
O8
CLK
thresh
A[8..1]
T[2..0]
IN[7..0]
OUT[2..0]
AT[3..1]
B[8..1]
BT[3..1]
NOT
AND2
OR2
ADDR0
ADDR1
T0
T1
T2