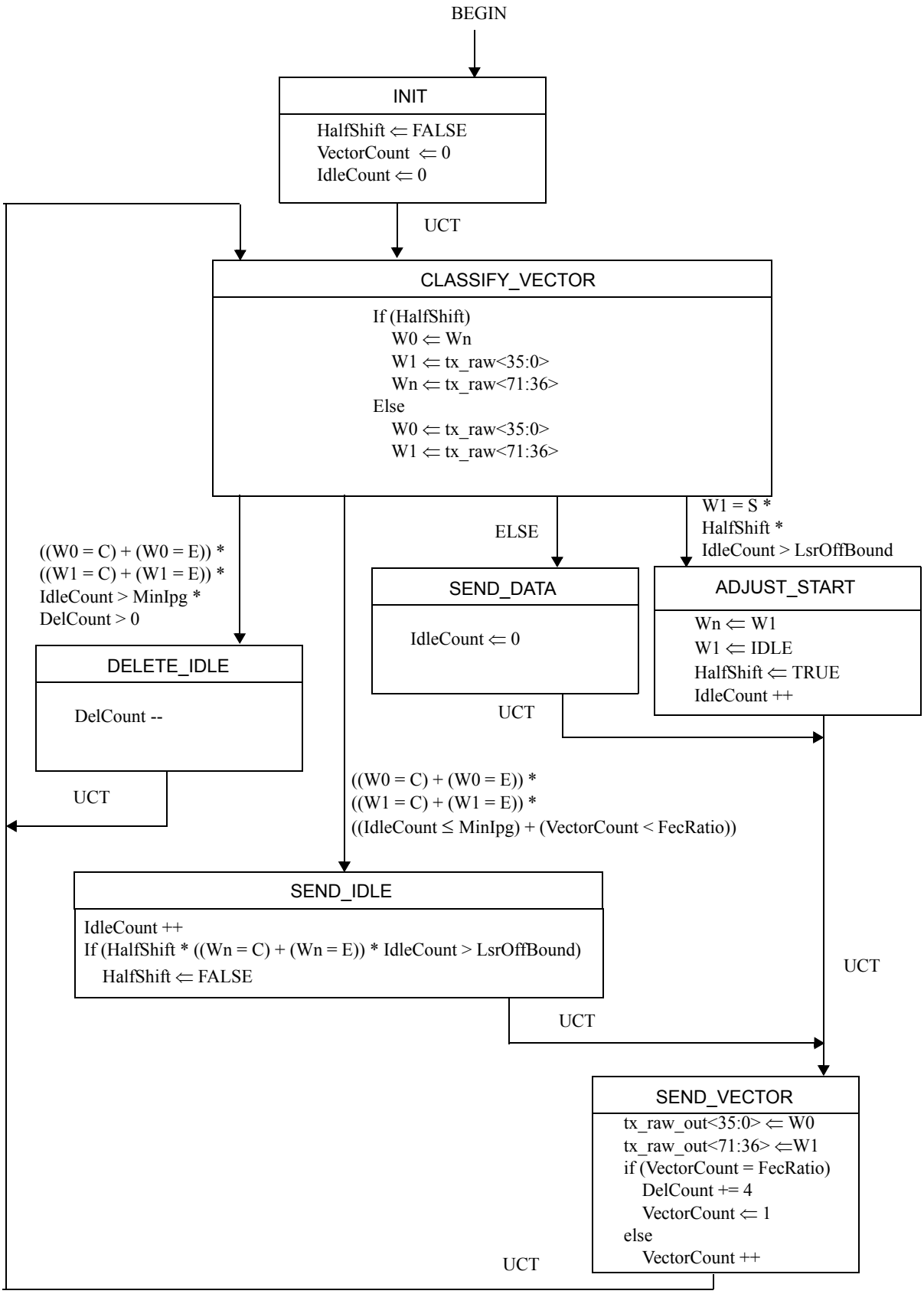
BEGIN
INIT
HalfShift ⇐ FALSE
VectorCount ⇐ 0
IdleCount ⇐ 0
UCT
CLASSIFY_VECTOR
If (HalfShift)
W0 ⇐ Wn
W1 ⇐ tx_raw<35:0>
Wn ⇐ tx_raw<71:36>
Else
W0 ⇐ tx_raw<35:0>
W1 ⇐ tx_raw<71:36>
((W0 = C) + (W0 = E)) *
((W1 = C) + (W1 = E)) *
IdleCount > MinIpg *
DelCount > 0
ELSE
W1 = S *
HalfShift *
IdleCount > LsrOffBound
SEND_DATA
IdleCount ⇐ 0
ADJUST_START
Wn ⇐ W1
W1 ⇐ IDLE
HalfShift ⇐ TRUE
IdleCount ++
DELETE_IDLE
DelCount --
UCT
UCT
((W0 = C) + (W0 = E)) *
((W1 = C) + (W1 = E)) *
((IdleCount ≤ MinIpg) + (VectorCount < FecRatio))
SEND_IDLE
IdleCount ++
If (HalfShift * ((Wn = C) + (Wn = E)) * IdleCount > LsrOffBound)
HalfShift ⇐ FALSE
UCT
UCT
SEND_VECTOR
tx_raw_out<35:0> ⇐ W0
tx_raw_out<71:36> ⇐W1
if (VectorCount = FecRatio)
DelCount += 4
VectorCount ⇐ 1
else
VectorCount ++
UCT