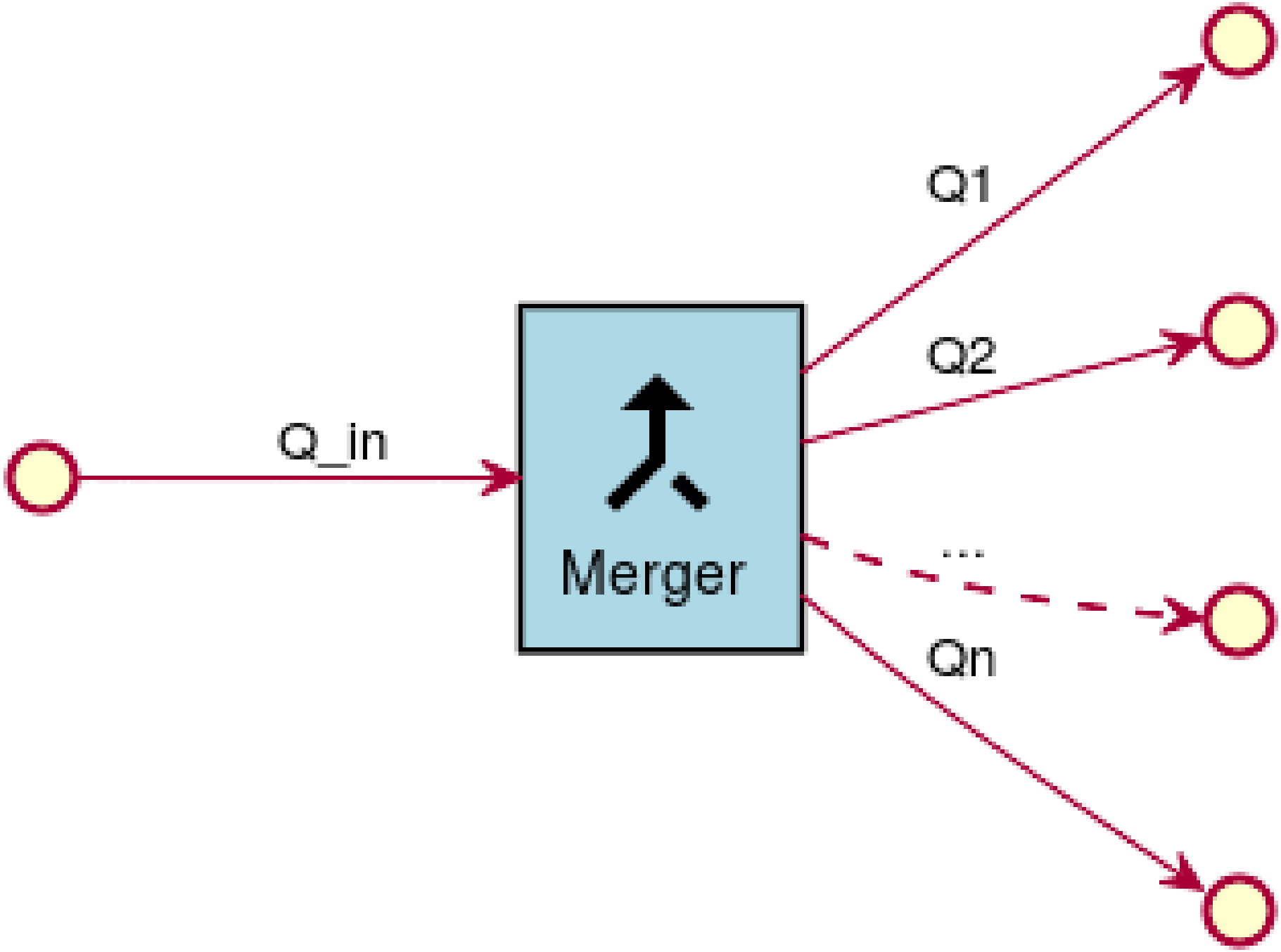

Q_in
Merger
Q1
Q2
...
Qn