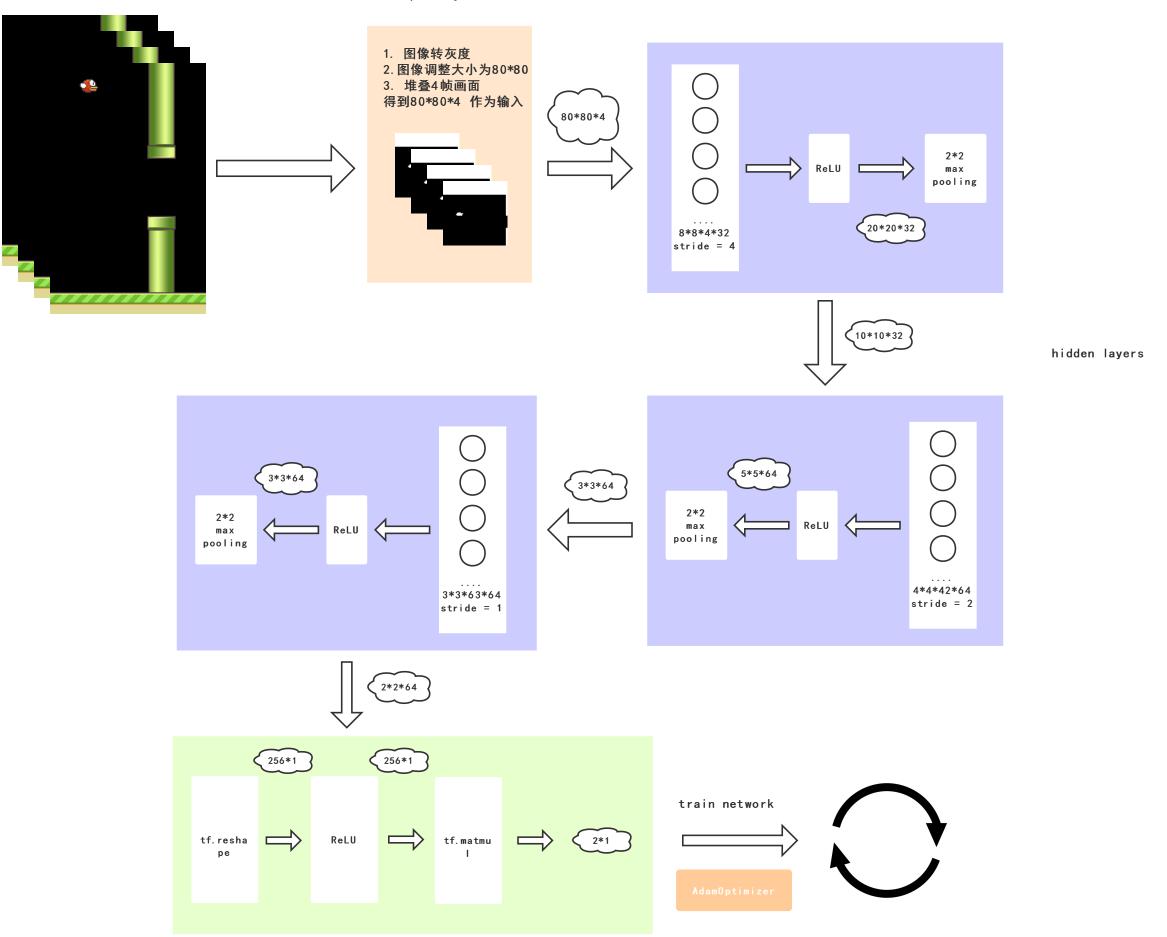
input layer



readout layer