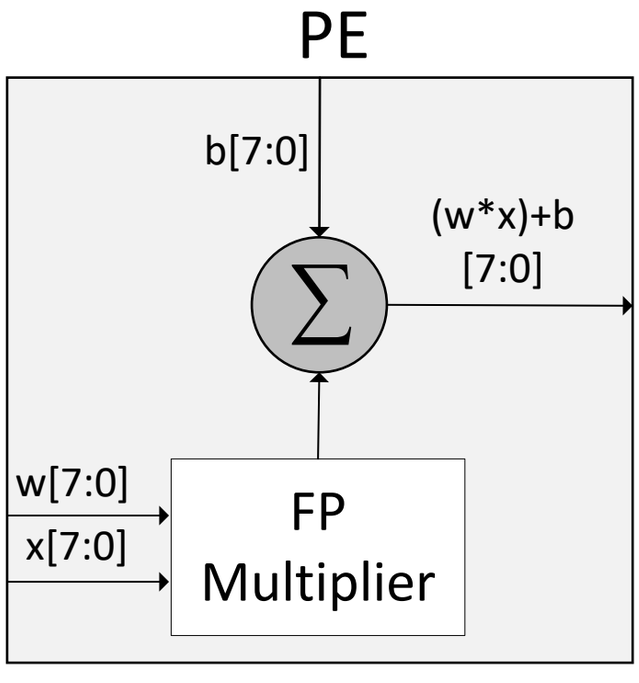
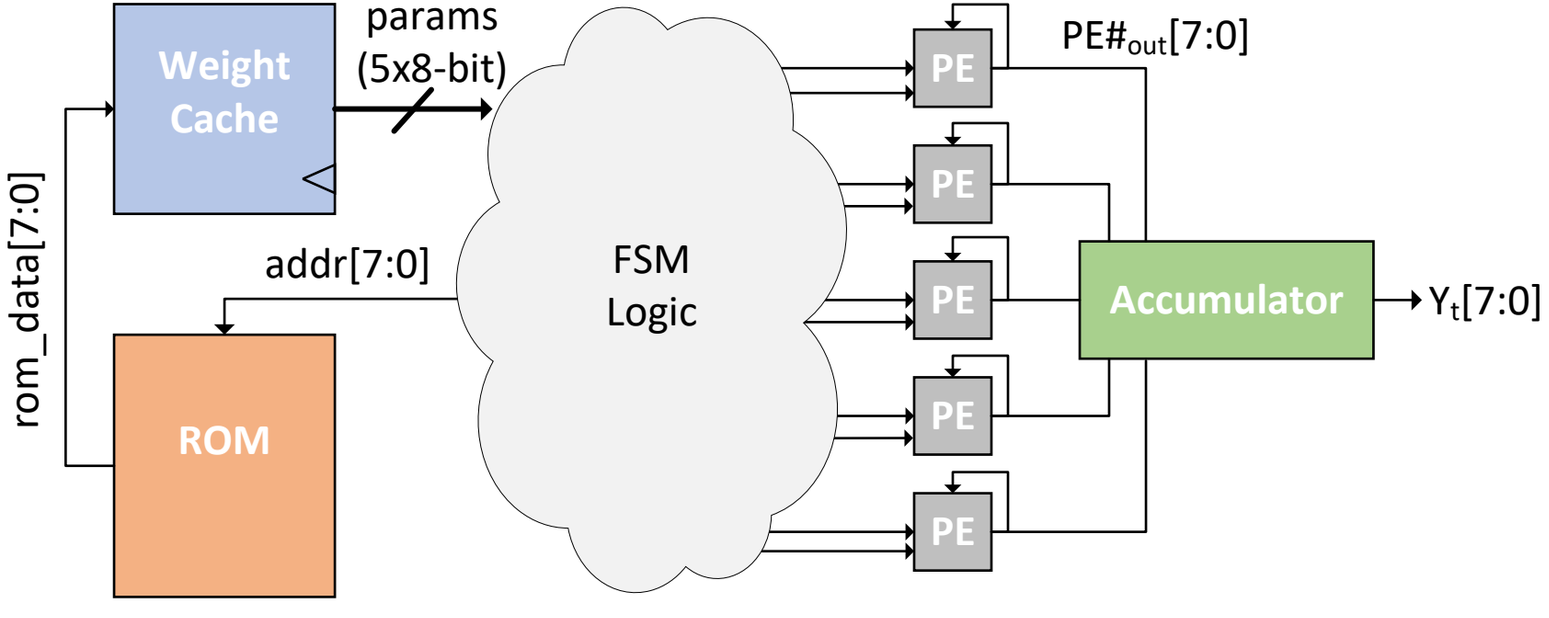

PE
b[7:0]
(w*x)+b
[7:0]
w[7:0]
x[7:0]
FP
Multiplier

(a)


Weight
Cache
params
(5x8-bit)
rom_data[7:0]
addr[7:0]
ROM
FSM
Logic
PE
PE
PE
PE
PE
PE#out[7:0]
Accumulator
Yt[7:0]

(b)