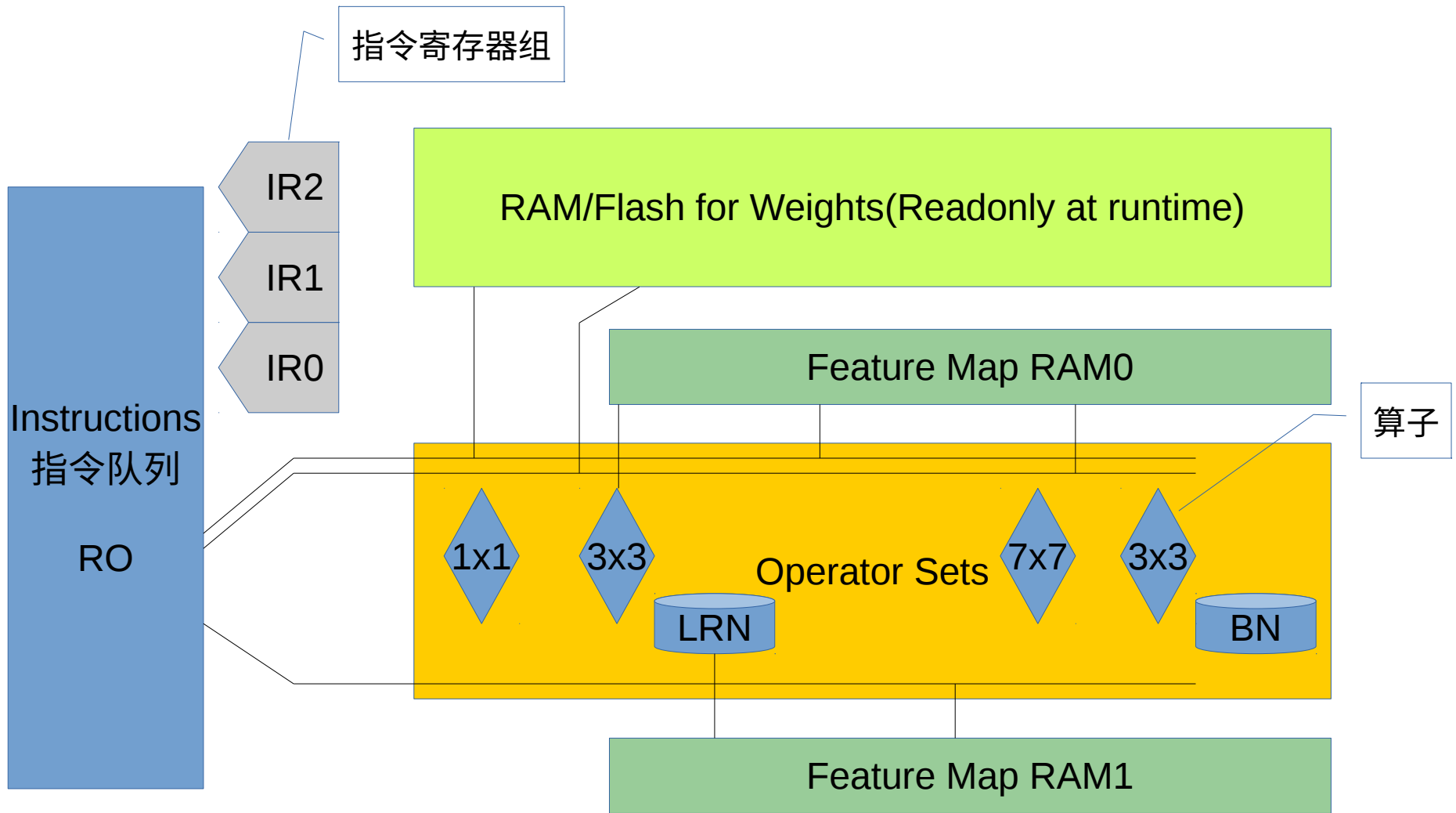
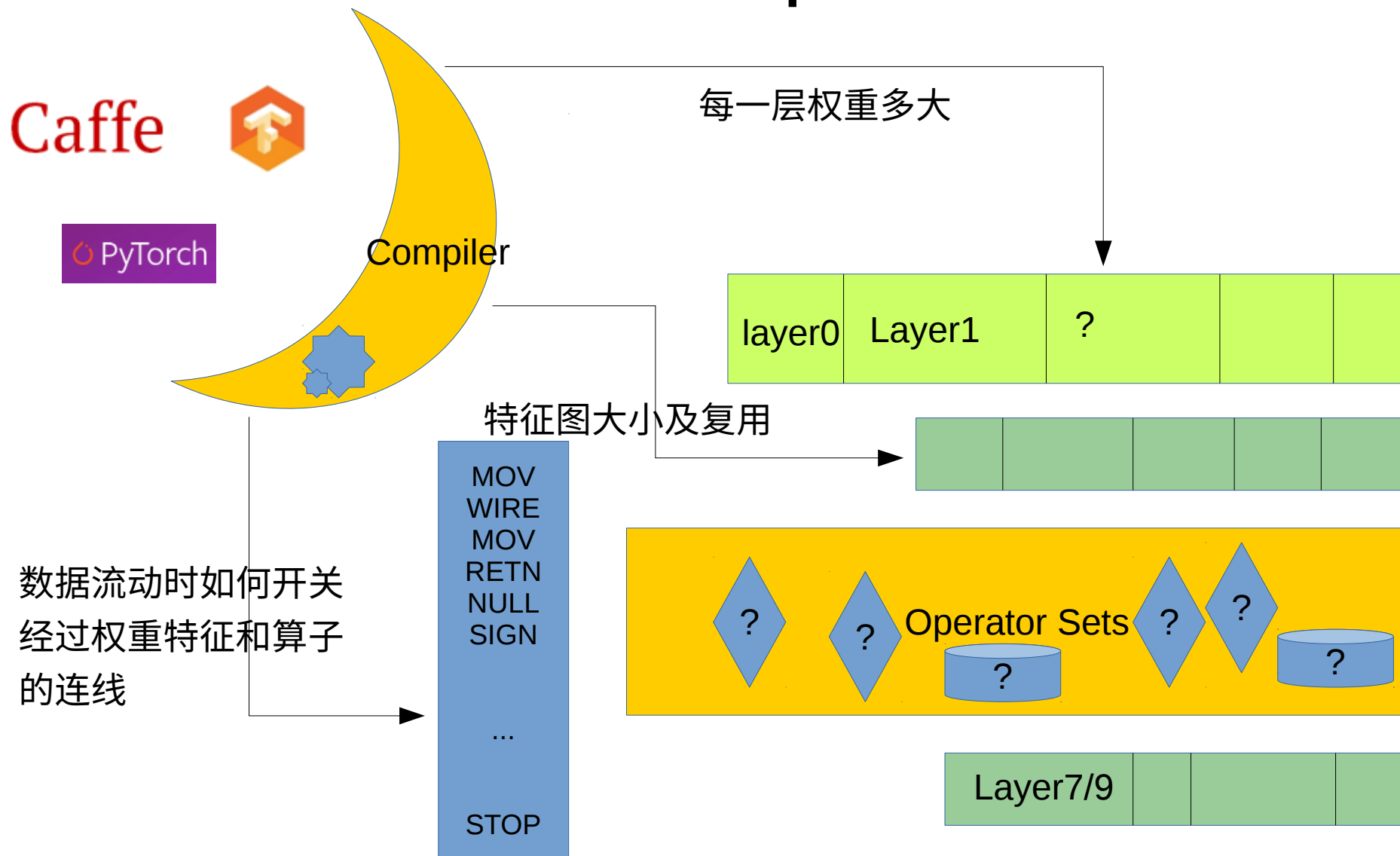


Memory Wall Free Architecture for Neural Network Computing

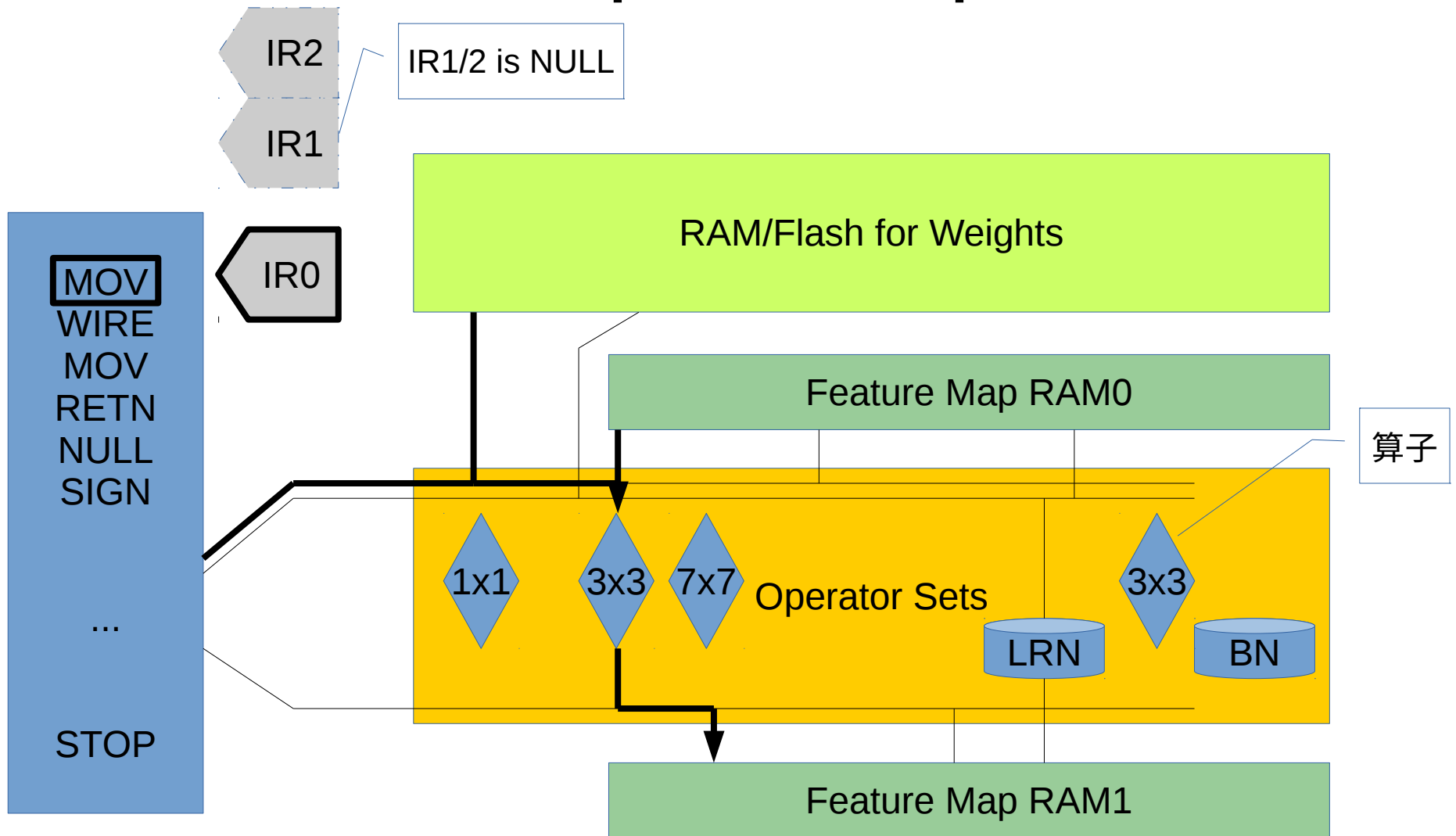


Graph Compute Architecture Compile



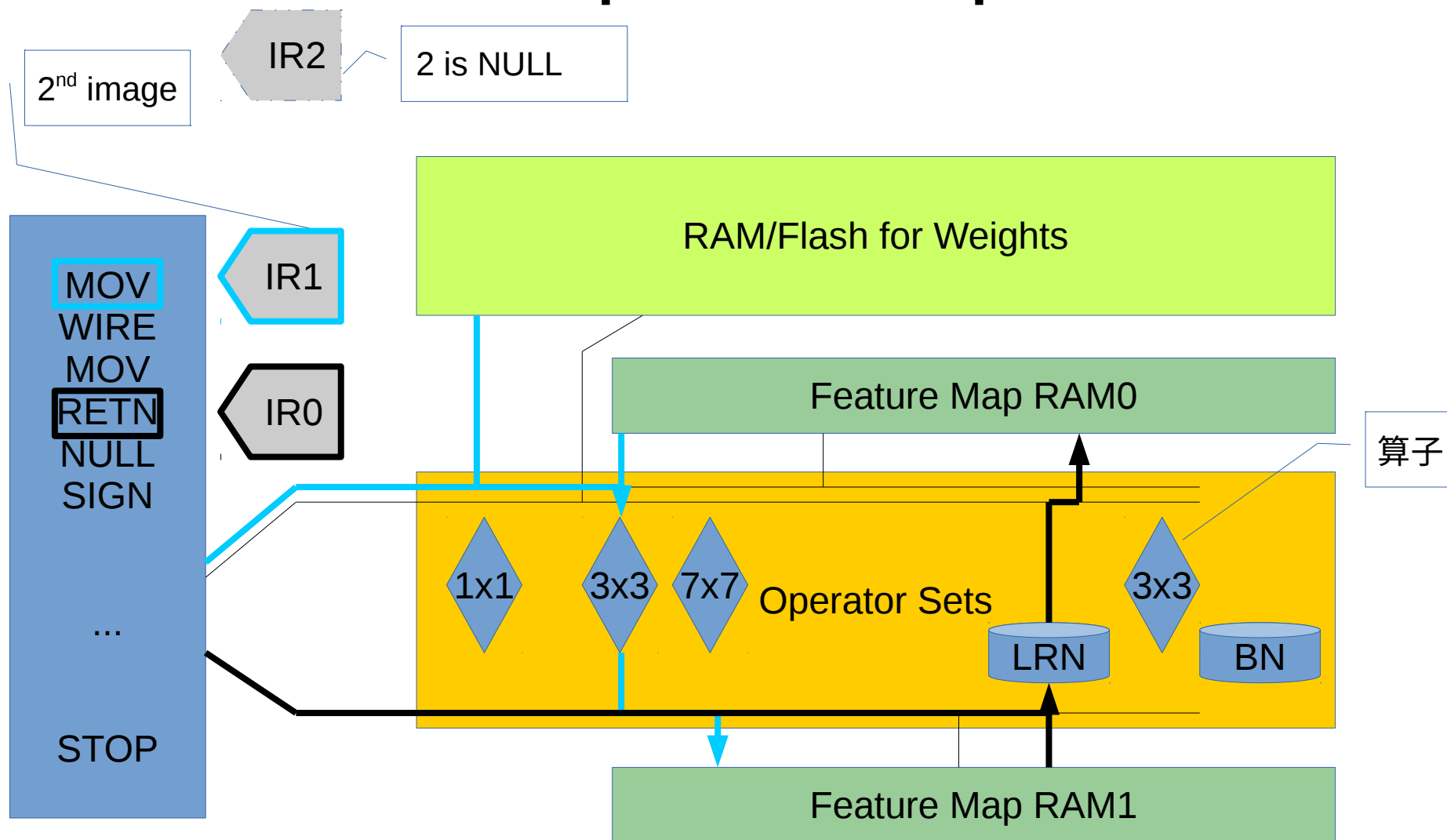
Graph Compute Architecture

Compute Step 1



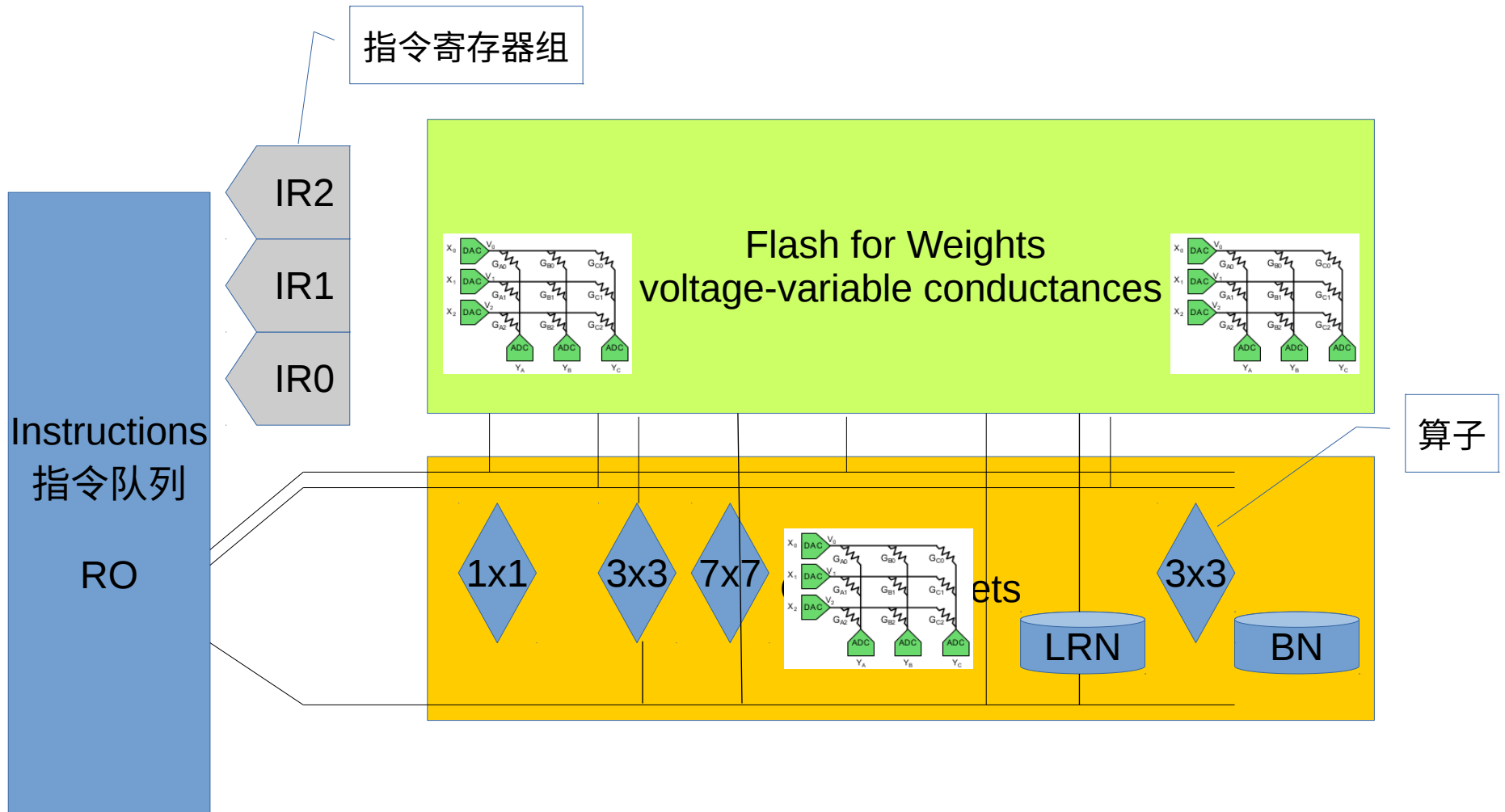
Graph Compute Architecture

Computer Step 2



Graph Compute Architecture

Low Power Consumption



We focused on NLP
CTC-RNN and Attention LSTM

Cloud User Scenarion
Beep illegal word for live video

Edge User Scenarion 1

NLP for Office Device

Edge User Scenarion 2

NLP and Low Power for Drones

Edge User Scenarion 3

NLP for Room Device

We want do more
Word for cmd and print for Priority

This is the future
Robot can help US