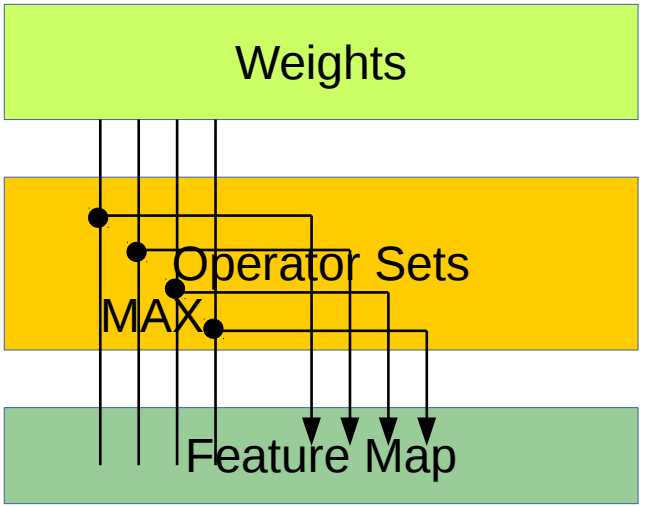
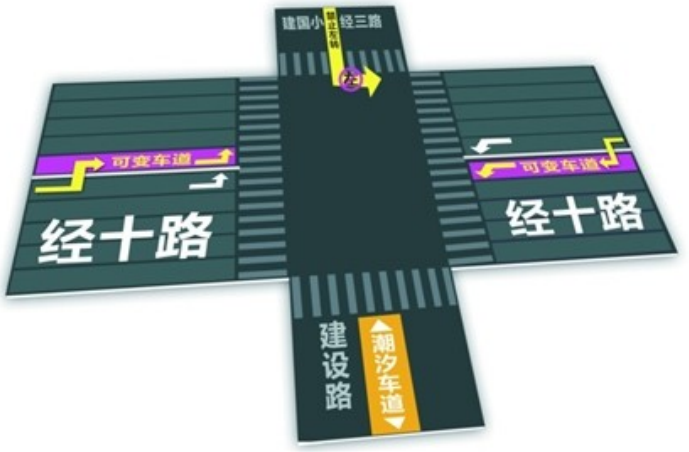
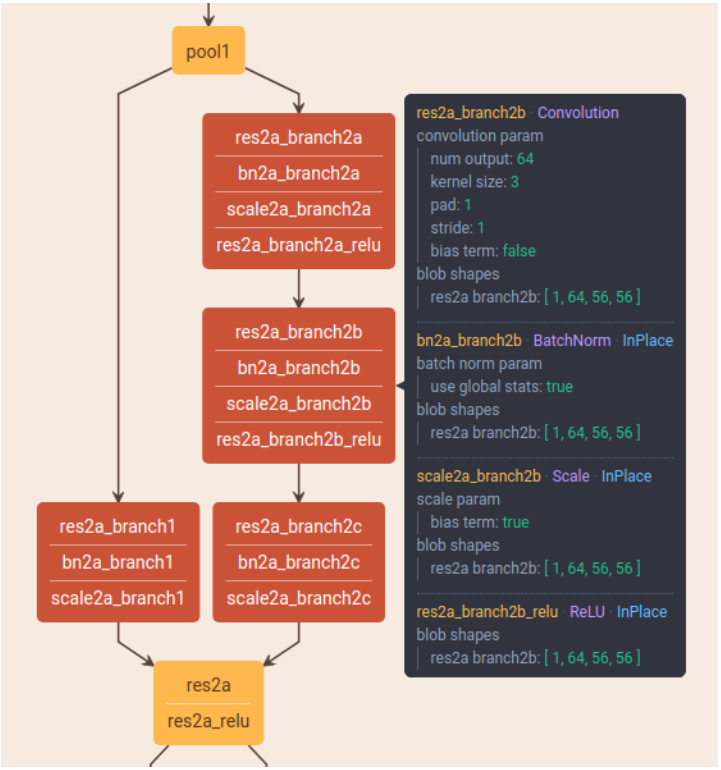
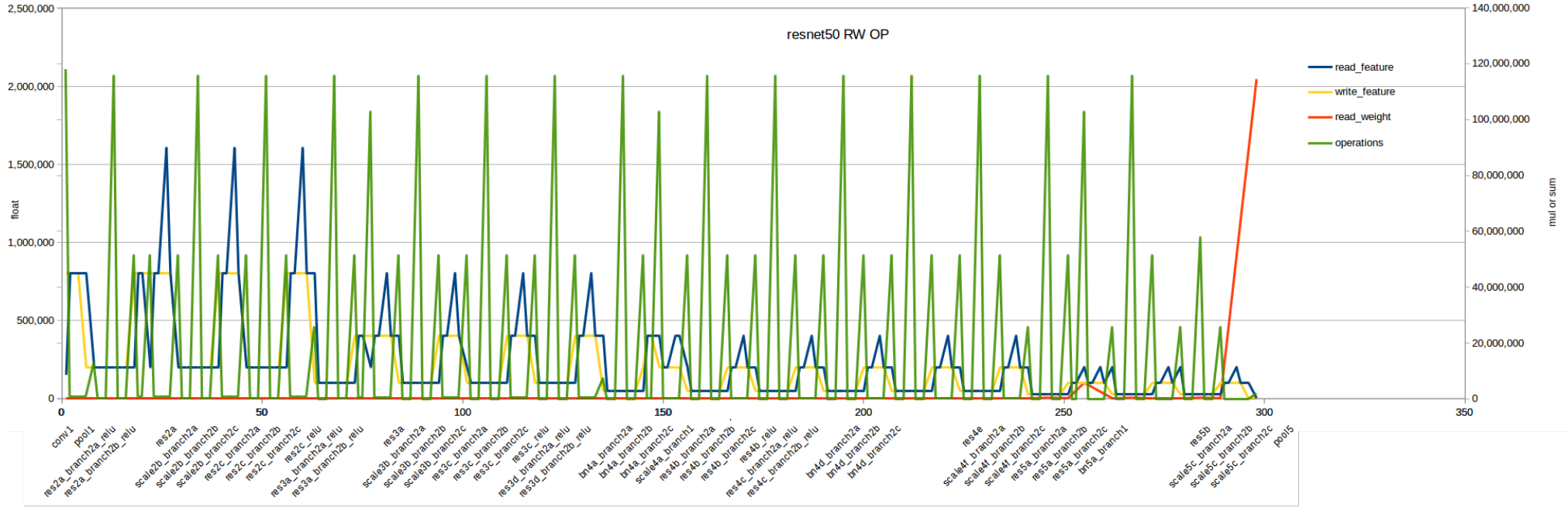
Autonomous Bandwidth Neural Computing Architecture



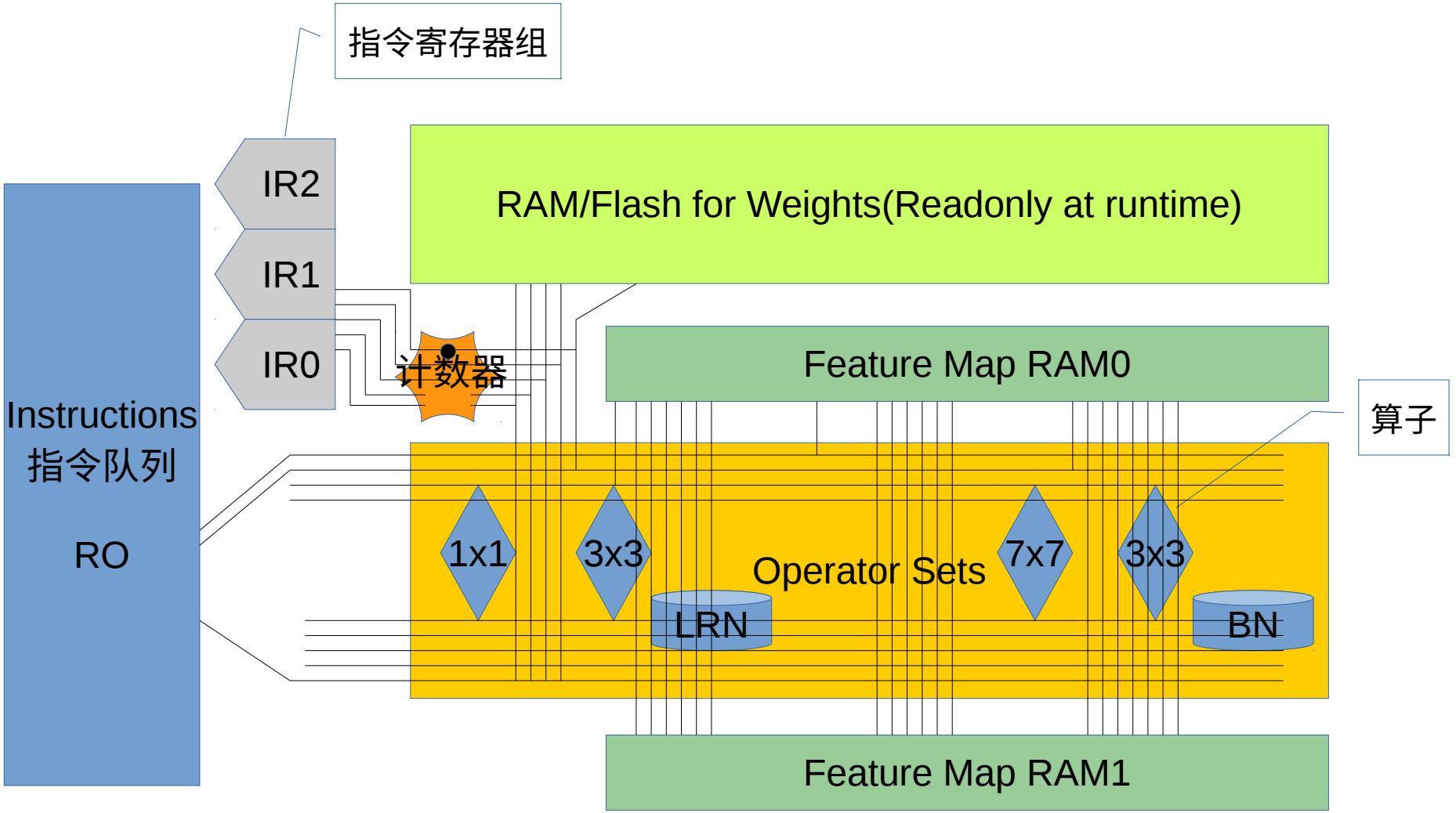




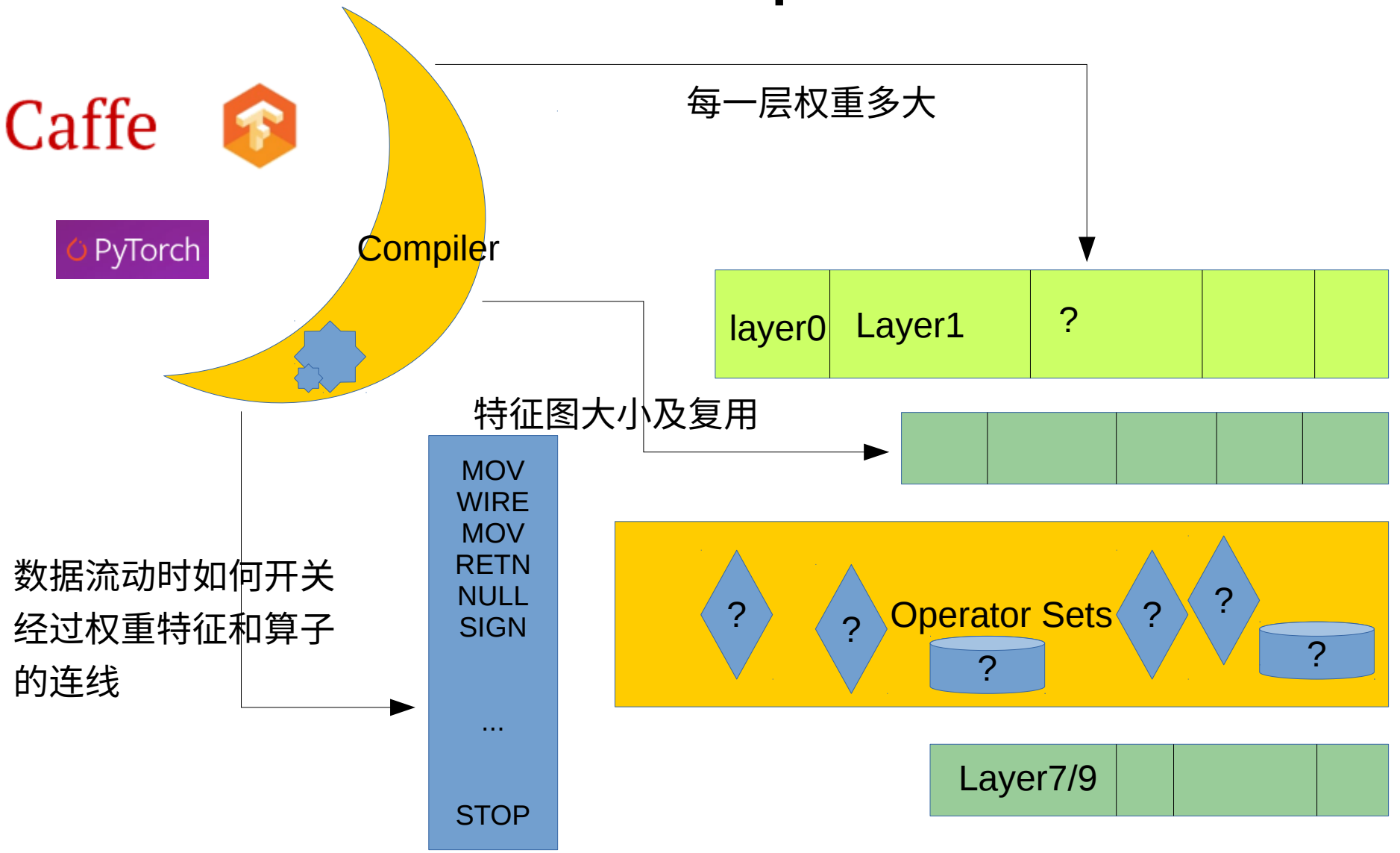
Implement CNN w/ double buffer



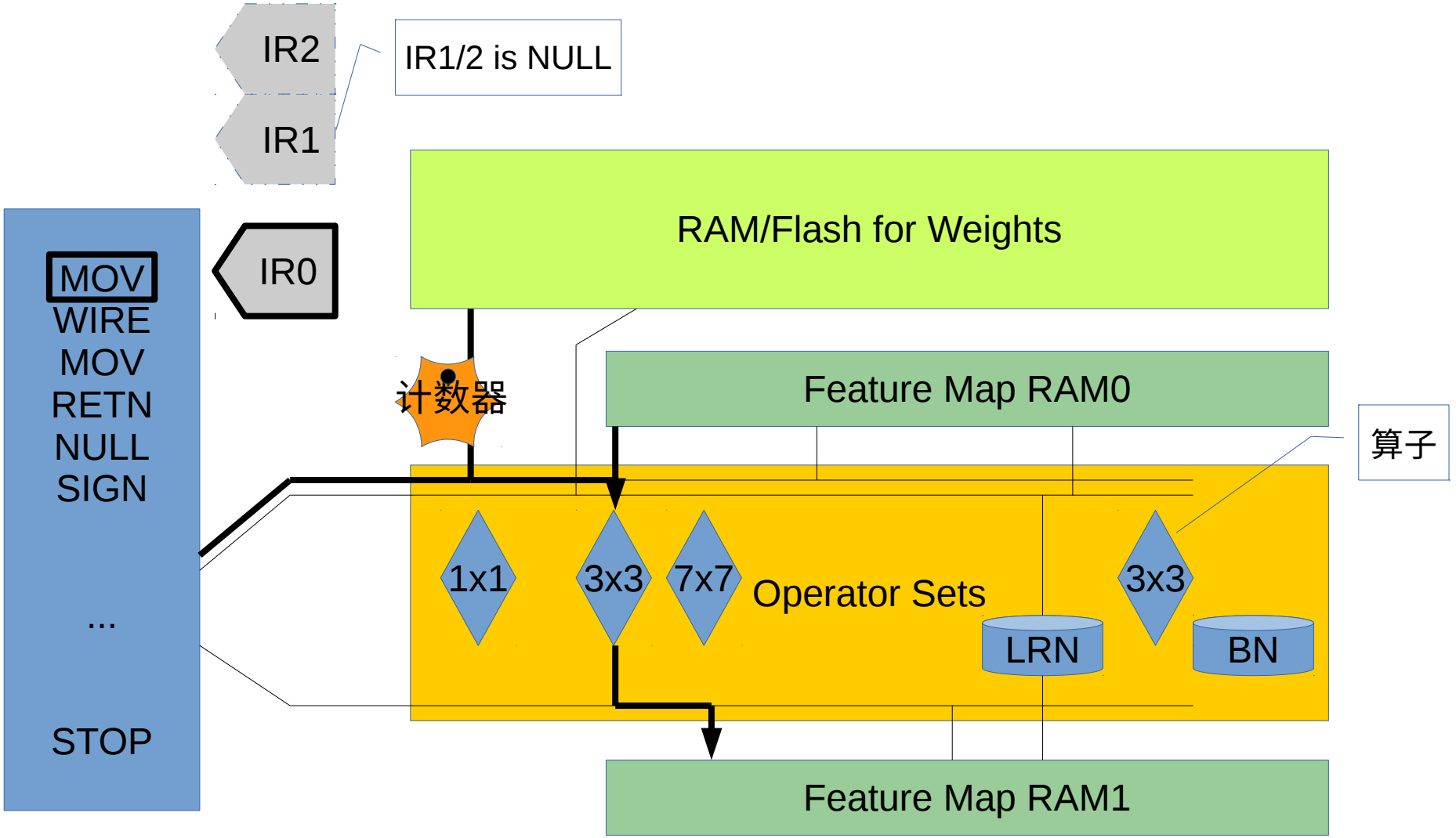
Data Driving Route for Neural Network Computing



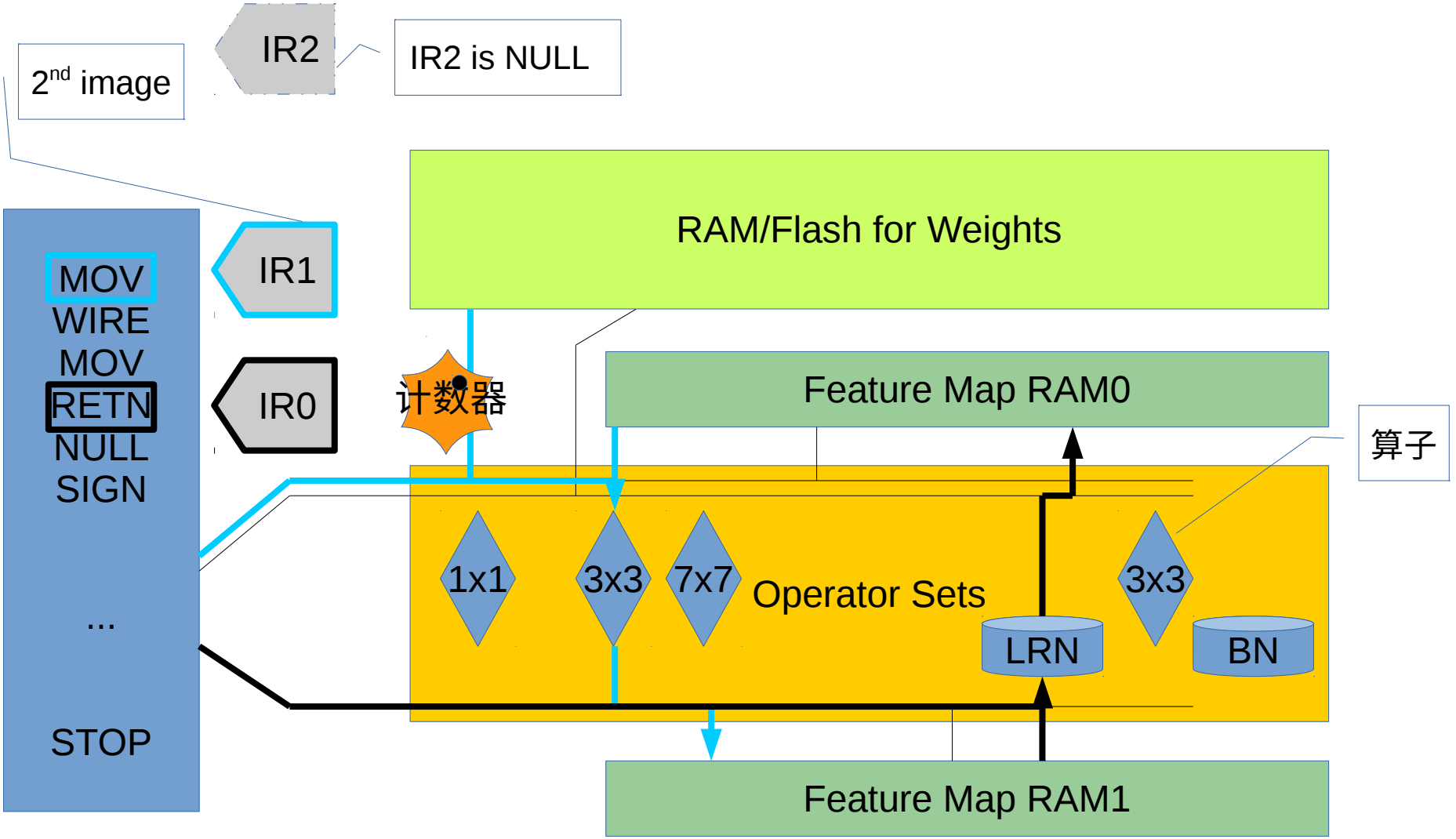
Graph Compute Architecture Compile



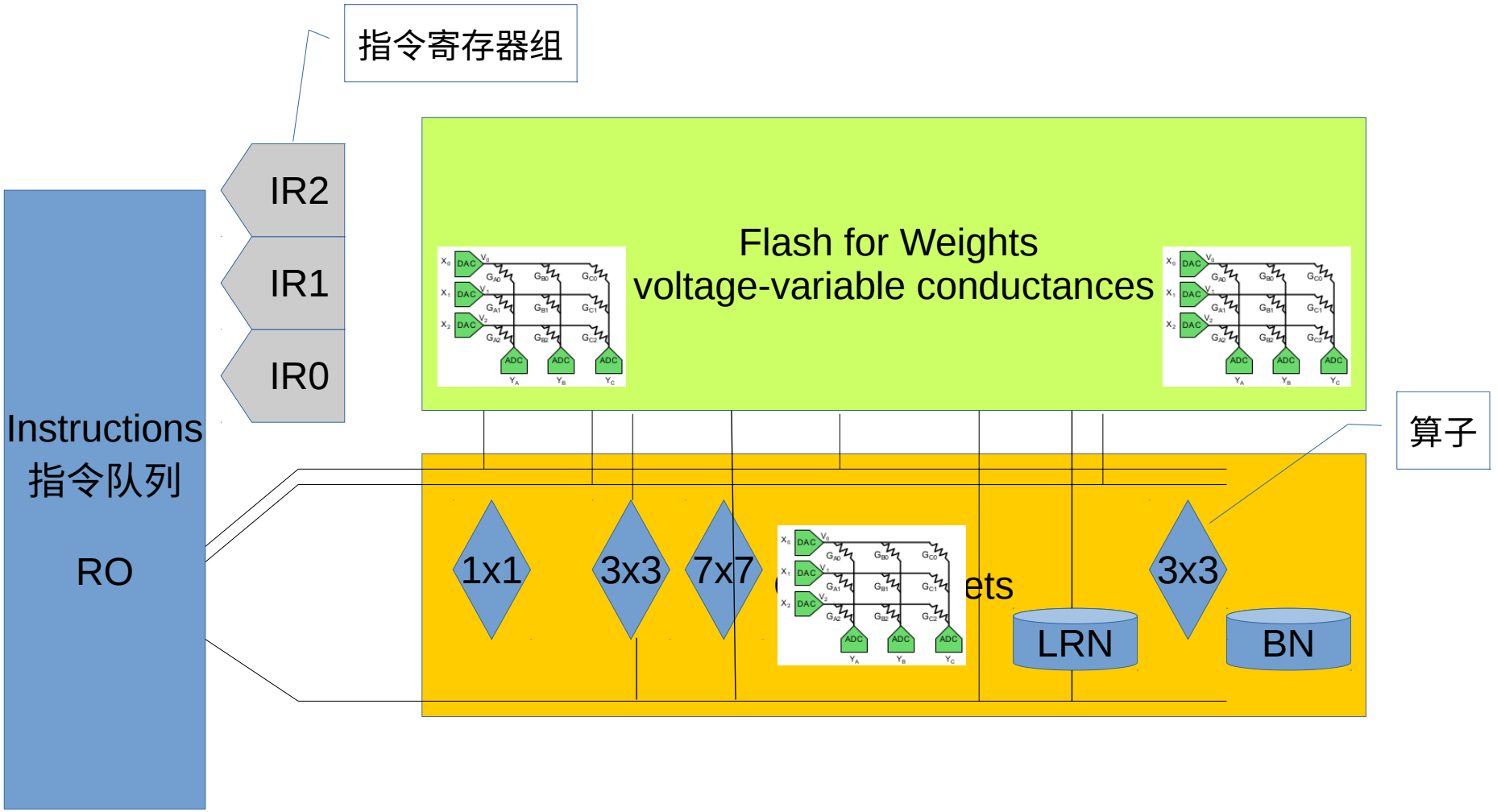
Graph Compute Architecture
Compute Step 1



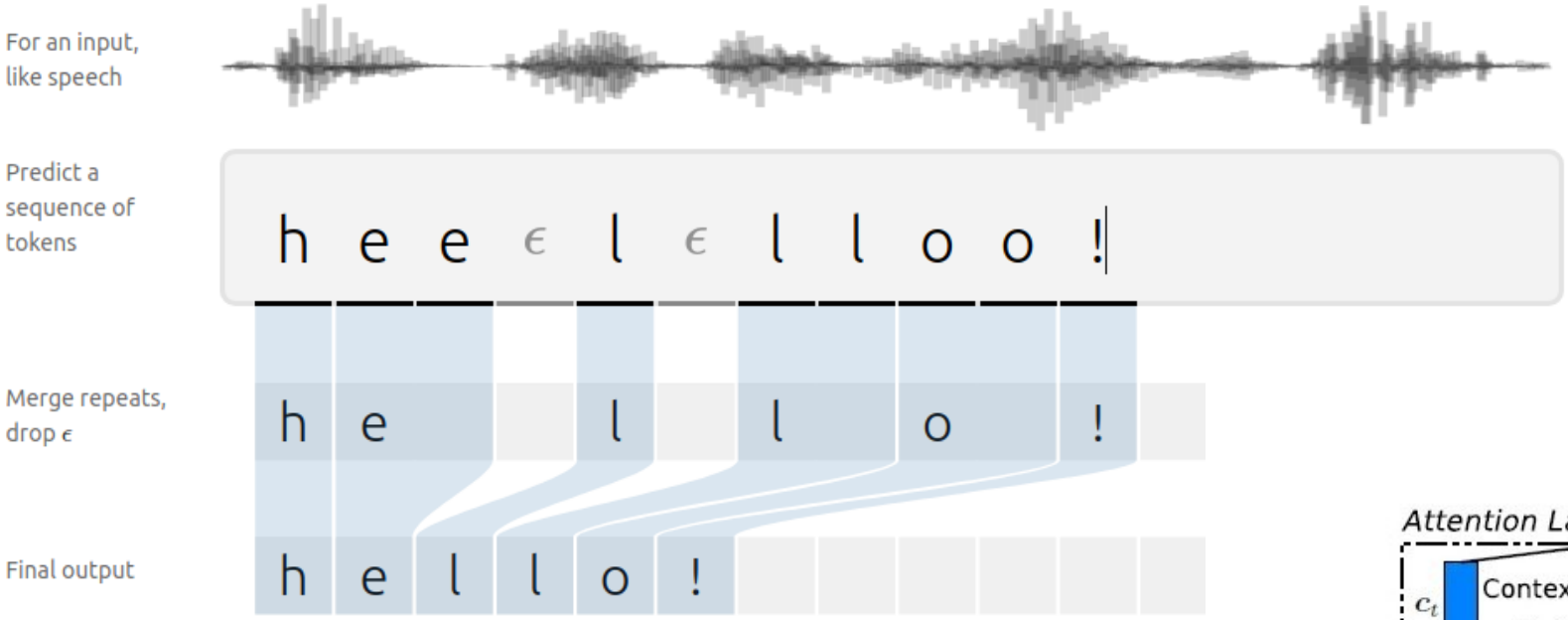
Graph Compute Architecture Computer Step 2

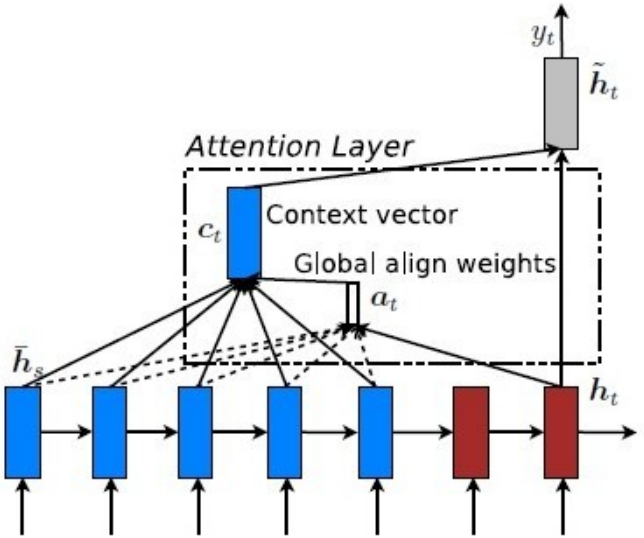


Graph Compute Architecture
Low Power Consumption



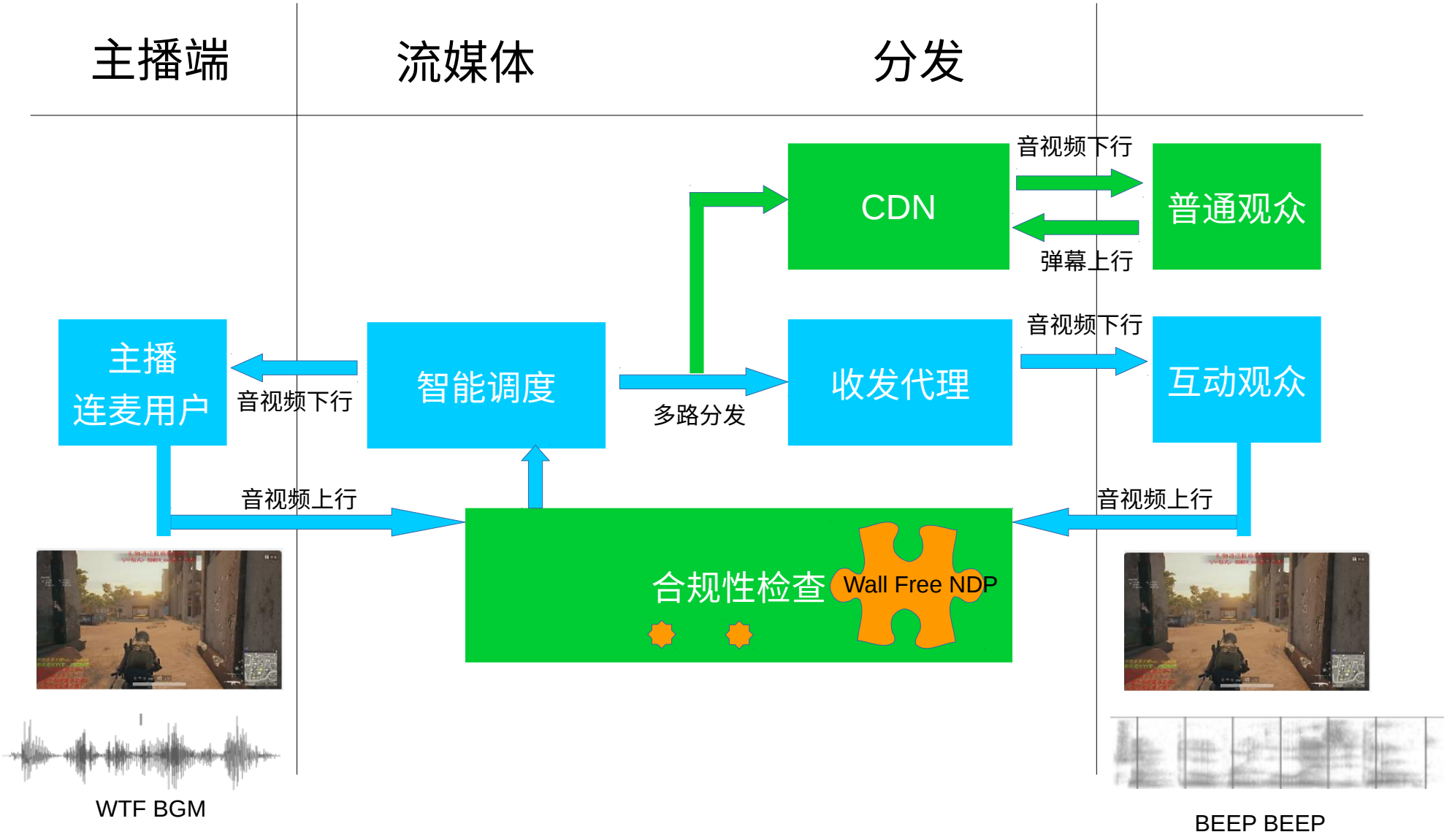
We will deploy NLP
CTC-RNN and Attention LSTM





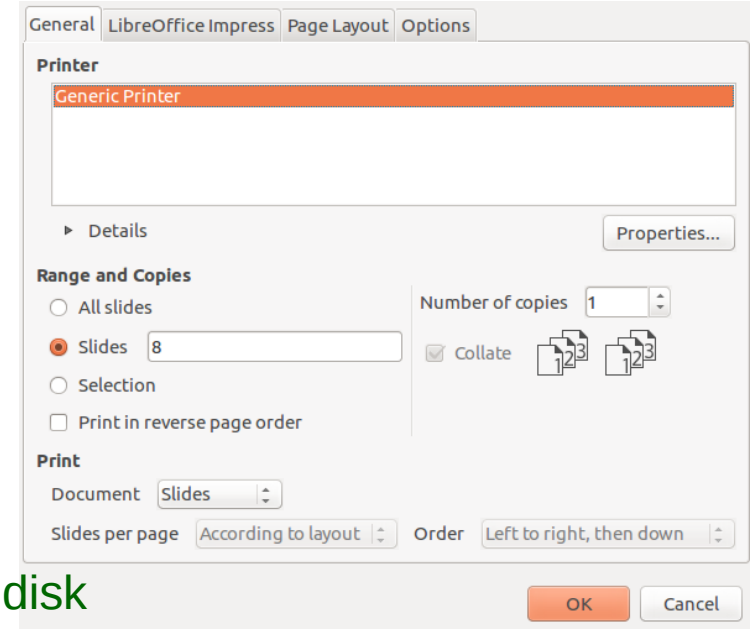
Both are state-of-the-art algorithm with sequence data

Cloud User Scenarion
Beep illegal word for live video



Edge User Scenarion 1
NLP for Office Device

The printer in the office has so many functions:
Print Copy Scan Fax ...
Have you tired with the printer dialog
And the front panel with keyboard & LCD?



How about this:

1.Scan paper to Udisk
2.Fax paper to +852 9327 0934

No need to jump finger with button and you can do other things with you eyes and hands if you can.

Edge User Scenarion 2
NLP and Low Power for Drones

Drone can only fly for 20 minutes
We can deploy NLP with
Low Power Consuming

Edge User Scenarion 3
NLP for Room Device

No need to touch

Because you are busing
Just say: 煮饭

We want do more
Word for cmd and print for Priority

This is the future
Robot can help US