

# Map Configuration

## Loop Blocking :

MEM	L0	L1	L2
FX	5	1	1.0
FY	1	1	1.0
OX	14	2.0	1.0
OY	1	1	1.0
OC	8	1	32.0
IC	1	48.0	1.0
ON	1	1	16.0

## Loop Partitioning :

MEM	L0	L1	L2
FX	1	1	1
FY	5	1	1
OX	1	1	1
OY	28	1	1
OC	1	1	1
IC	1	1	1
ON	1	1	1

## Loop Ordering :

MEM	L0	L1	L2
FX	0	6	6
FY	1	6	6
OX	2	1	6
OY	3	6	6
OC	4	6	0
IC	6	0	6
ON	6	6	1

# Cost

MEM:	L0	L0-PARA	L1	L2	TOTAL
ENERGY:	15926883778.56	14599782.399999976	764149760.0	1782579200.0	18488212520.96

## Schedule

### MEM - L0:

- for ( OC, 8b, 1p )
  - for ( OY, 1b, 28p )
    - for ( OX, 14b, 1p )
      - for ( FY, 1b, 5p )
        - for ( FX, 5b, 1p )
- spatially unrolled loops: FX, FY, OY

### MEM - L1:

- for ( OX, 2b, 1p )
  - for ( IC, 48b, 1p )

### MEM - L2:

- for ( ON, 16b, 1p )
  - for ( OC, 32b, 1p )