DEANNAO: Only torward pass!

- Backward, uses the values in forward pass
to calculate gradients.

1 nemory usage.

DATA REULE:

Classities:

Weights are reused for different inputs.
(Tiling is needed)

Completion:

Inputs/Outputs: Output feature maps

-> Multiple filters/convolutions use same input

naturally) teature maps to generate output layers

-> Same filter slides -> input data reused.

(Tiling) Partial sums stored.

Synapses / Filter weights:

Jame in a filter leyer. One leyer of output.
(Tiling)

Pooling:

Only sliding and that too 28. So already can be stored. Tiling not much of a use!

PROCELLENG:

- Staggered Pipeline:

muliply, add all products, signoid

-> 16-bit fixed point arithmetic.

Accuracy doesn't vary much even if precision is less!

MEMORY:

- -> Scratchpads
 - Separate for input/output/weights
 - Width optimized
 - ov synapses to be loaded based on locality.