Main Tours Data Write Output Buffer Computation Unit \_ Upon request, compute feature map for the next round Ask daea from Post-Processing - Channel-based parallelism Computation unit - Add bias - Accumulate PE outputs to the corresponding output channel - Pooling - Up Sampling PE Array - 8-bit fixed-point multiplication - Concalanation - Store layer by - Each PE capable of 32 multiplication stock - Report usage and cycles it possible Mem write Ask for output of the next layer rnal Round?) Enery Paine VMem (Externel Memory) - Serves all weight and bias butter Kernel Buffer Load next - Serves the current computed feature map