

## OUTPUTS

- clk
- rst
- sync\_clr
- en
- rst\_cnt1
- en\_cnt1
- rst\_cnt2
- en\_cn2
- layer\_fc[1 downto 0]
- imap[3 downto 0]
- weights[PEBlockWeights]

- ofmap [PEBlockDataRes]
- tc
- tc2

ckg\_rmask and  
ckg\_cmask are  
provided by the clock  
gating unit

