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{
  "name": "ZynqPS",
  "version": 0.1,
  "peak_performance": 180.92,
  "peak_power": 10.0,
  "global_memory_size": 1024,
  "kernel_memory_size": 768,
  "cores": [
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      "max_power" : 10.0,
      "gating_available" : "no",
      "supported_operator": [
        { "name": "conv",
          "operator_mode": [{
            "activation_width": 16,
            "data_width": 16,
            "performance": 1}]
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        { "name": "pool",
          "operator_mode": [{
            "activation_width": 16,
            "data_width": 16,
            "performance": 1}]
        },
        { "name": "RELU",
          "operator_mode": [{
            "activation_width": 16,
            "data_width": 16,
            "performance": 1}]
        },
        { "name": "FC",
          "operator_mode": [{
            "activation_width": 16,
            "data_width": 16,
            "performance": 1}]
        }
      ]
    },
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      "id" : 1,
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      "max_frequency" : 800.0,
      "max_power" : 10.0,
      "gating_available" : "no",
      "supported_operator": [
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          "operator_mode": [{
            "activation_width": 16,
            "data_width": 16,
            "performance": 1}]
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        { "name": "pool",
          "operator_mode": [{
            "activation_width": 16,
            "data_width": 16,
            "performance": 1}]
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        { "name": "RELU",
          "operator_mode": [{

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        "activation_width":16,
        "data_width":16,
        "performance":1}]
    },
    { "name": "FC",
      "operator_mode": [{
        "activation_width":16,
        "data_width":16,
        "performance":1}]
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  ]
}

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  "local_memory_size" : 1.2,
  "max_frequency" : 200.0,
  "max_power" : 10.0,
  "gating_available" : "no",
  "supported_operator": [
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        "data_width":16,
        "performance":160}]
    },
    { "name": "conv+pool",
      "operator_mode": [{
        "activation_width":16,
        "data_width":16,
        "performance":160}]
    },
    { "name": "conv+pool+RELU",
      "operator_mode": [{
        "activation_width":16,
        "data_width":16,
        "performance":160}]
    }
  ],
}
]],
"connections": [
  {
    "name": "ARM1toARM0through_MEM",
    "id" : 0,
    "bandwidth" : 4
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  {
    "name": "ARM0toARM1through_MEM",
    "id" : 1,
    "bandwidth" : 4
  },
  {
    "name": "MEMtoHWCE_weights",
    "id" : 1,
    "bandwidth" : 0.8
  },
  {
    "name": "MEMtoHWCE_activations",
    "id" : 1,
    "bandwidth" : 0.8
  },
  {
    "name": "HWCEtomem_output",

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      "id" : 1,  
      "bandwidth" : 0.8  
    }  
  ]  
}
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