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All PE Baseline Instructions	ALU ops: absolute, add, clear, logical ops, min/max, mux, mode, nop, pack/unpack, read/write instruction memory, store acc, shift, subtract, test bit <u>Data movement:</u> load <u>Control ops:</u> call/rtn, interrupt, compare, jump, loop, repeat, stop
MACPE 16 x 16 Multiplier	Multiplier: basic multiply, multiply/accumulate (MAC), output modes
GPE bit rotation	Bit rotation:   Extract one bit and load in another register at specified bit   location.
IPE/OPE Quad Port access	Quad Port access: access provided by quad port operands
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