**Signal Naming Convention:**

*(generating\_unit)*\_*(signal\_name)*\_*(pipeline\_stage)*[\_b if active low]

**DE\_MUX\_OPERAND\_OVERRIDE\_DE**

selects whether the DE\_DATA\_SIZE\_ALL comes from the control store or if it's 16 bits.

1'b0 = control store

1'b1 = 16 bits

**DE\_DATA\_SIZE\_ALL**

data\_size of operands

2'b00 = 8 bits

2'b01 = 16 bits

2'b10 = 32 bits

2'b11 = 64 bits