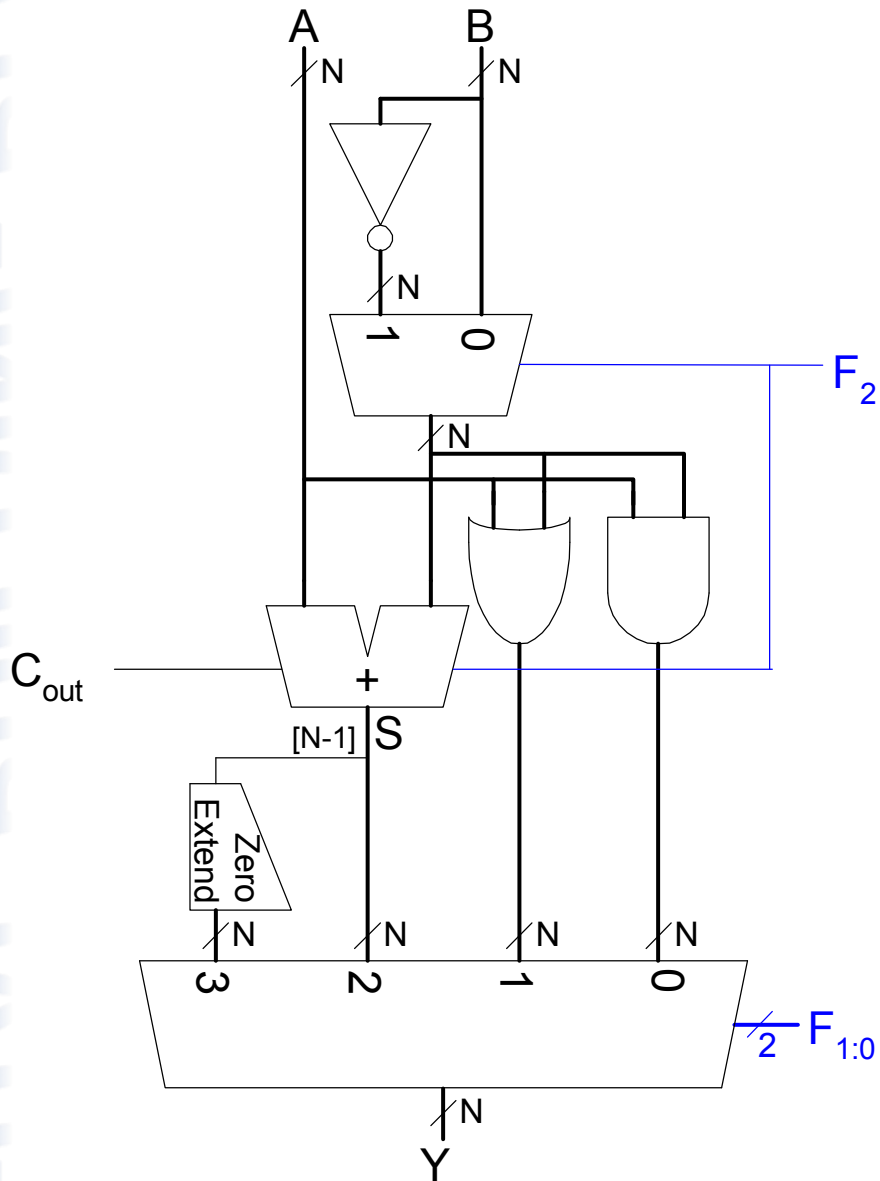


# ALU Design



$F_{2:0}$	Function
000	$A \& B$
001	$A   B$
010	$A + B$
011	not used
100	$A \& \sim B$
101	$A   \sim B$
110	$A - B$
111	SLT