

Switch 1 Position	Switch 2 Position	Vin 1 (V)	Vin 2 (V)	Vout (V)	LED (on/off)
Closed	Closed	0	0	4.15	on
Closed	Open	0	5	4.15	on
Open	Closed	5	0	4.15	on
Open	Open	5	5	0	off
Logical function of gate:				NAND	
Lab kit part number for gate:				74LS00N	