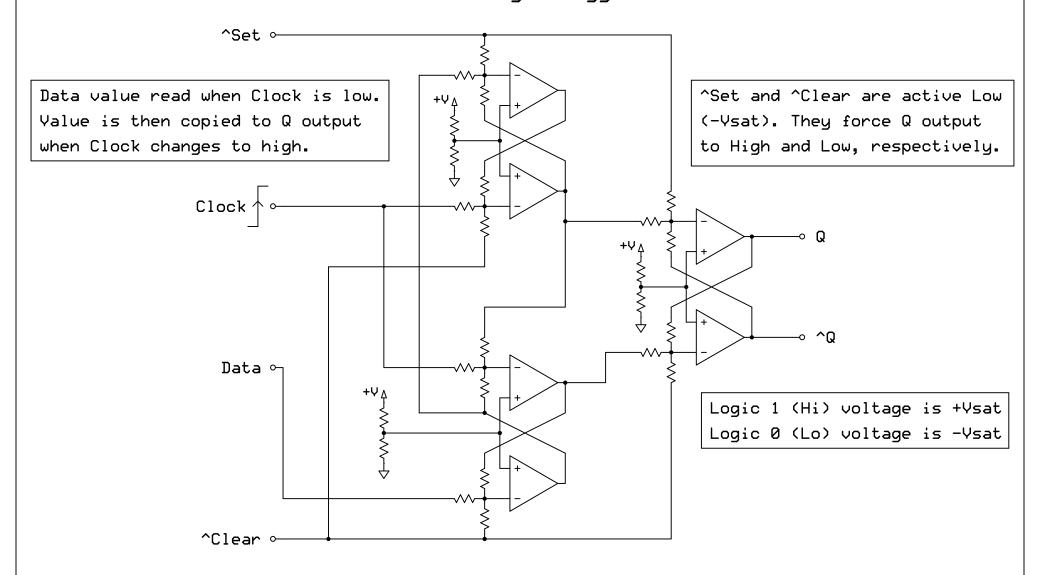
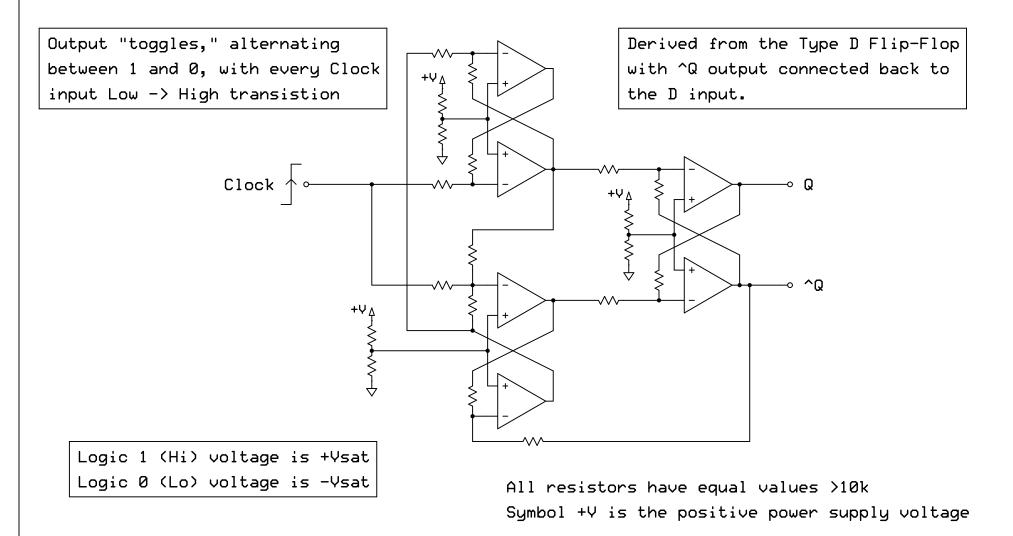
Type D (Data) Flip-Flop Positive Edge Triggered



All resistors have equal values >10k Symbol +V is the positive power supply voltage Based on TTL 74LS74A design

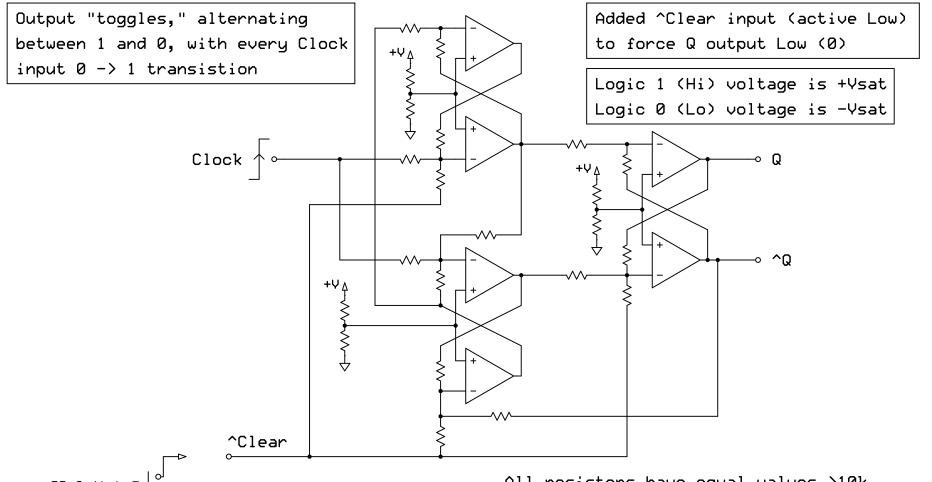
Physics 5/105				
Op-Amp Flip-Flops				
F. Rice	Rev 1.0	Page 1		
	11/21/2023	, age 1		

Toggled Output Flip-Flop Positive Edge Triggered



Physics 5/105				
Op-Amp Flip-Flops				
F. Rice	Rev 1.0	Page 2		
	11/21/2023			

Toggled Output Flip-Flop with ^Clear Positive Edge Triggered



PB Switch

All resistors have equal values >10k Symbol +V is the positive power supply voltage

For manual clear, connect a push button switch between ^Clear and the negative power supply as shown.

Physics 5/105				
Op-Amp Flip-Flops				
F. Rice	Rev 1.0 11/21/2023	Page 3		
	11, 11, 1013			