

R	ΔV	R'	Output
H (“1”)	$V_{\text{th},S1} < \Delta V < V_{\text{th},R1}$	L (ON)	pulse
H (“1”)	$V_{\text{th},R1} < \Delta V$	H (“0”)	spike
H (“0”)	$V_{\text{th},R2} < \Delta V < V_{\text{th},S2}$	L (ON)	pulse
H (“0”)	$\Delta V < V_{\text{th},R2}$	H (“1”)	spike
L (ON)	$V_{\text{th},R1} < \Delta V$	H (“0”)	–
L (ON)	$\Delta V < V_{\text{th},R2}$	H (“1”)	–