

Out Put of Comparators

← 0 or 5V

$V_{in} < V_{R0}$	outputs $a \rightarrow d = 0$	→	a	b	c	d
$V_{in} \geq V_{R0}$	output $d \rightarrow 1$	→	0	0	0	0
$V_{in} \geq V_{R1}$	output $c \rightarrow 1$	→	0	0	0	1
$V_{in} \geq V_{R2}$	output $b \rightarrow 1$	→	0	0	1	1
$V_{in} \geq V_{R3}$	output $a \rightarrow 1$	→	0	1	1	1
		→	1	1	1	1

Wanted
a binary
Word
Count