## 6. Logical Operations

21 September 2023 09:42

## LOGICAL OPERATIONS



A	В	У
0	0	0
	0	1
0		
ı		1

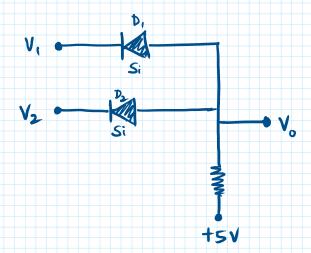
Binary	levels	rom	voltage
. 0		0	0
<u> </u>	<b>→</b> 4-	5 1	(sau)
0 -	- 0 -	1	Carry

	D <sub>1</sub>	
V, •		
	D <sub>2</sub>	
V. •-	<b></b>	
V <sub>2</sub>	Si	• V.
		R R
		<b>)</b>
		<b>+</b>

V,	٧,	V <sub>o</sub>
٥٧ [٥]	(o) (o)	QV
OV	54	4.3V
5v	OY	4.31
5v	5v	4.31

A	В	У
0	0	0
0	1	0
1	0	0
1	1	<b>1</b>

Δ.		0 0
equi valent	logic	byels
	0.	



٧,	٧_	٧,
OV	V0	0.77
ον [0]	5V	0.74
5v	OV	0-7 V
5V	[0] 5V	5V
E/3	Ci3	[3

## TRANSISTORS

EDA tools:
to check analysis
Zeinauits
LTapice