

Scanned by CamScanner

 \rightarrow T_A = 2T, T_B = 4T, T_C = 8T, T_D = 16T

The we take into account the delay from clock -> output,

there will be a delay blu transition of A A transition of B,

-> Similarly for down counter

	C	B	A	Ā
7	1	1	1	0
7 6 5	1	1	01	1
5	1	0 4	01	0
4	1	0,2	01	1
3 2	0	1	1	0
2		. 17	01	11
1	0	o	1	6
6	0		0	1

 \rightarrow Use the edge TFF and tap A Or)

Use the edge TFF and tap \overline{A}

,	Op	-ve edge TFF AlBlc	tre edge TFF ABIE	
	Down	tre edge TFF ABLC	- re edge TEF AlBIC	

