

ECGR 2181 - Extra Notes - 12/7/09

(11)

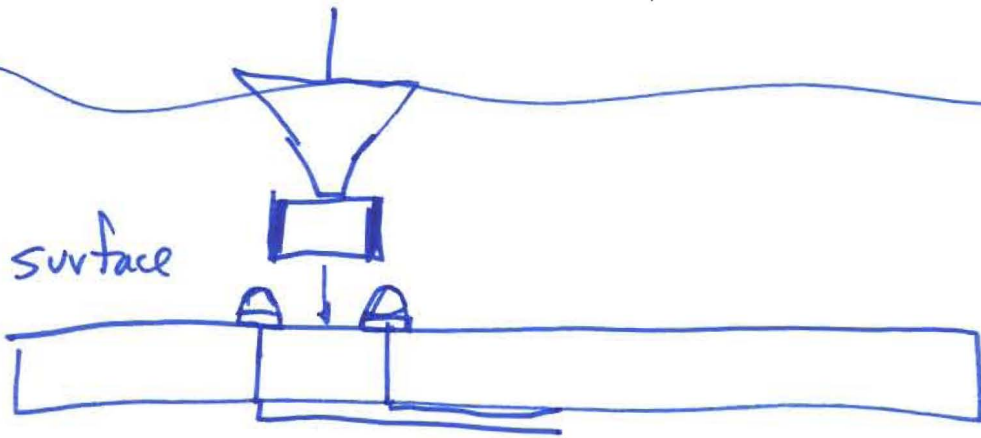
Slide 4B-18

$$S_0 = I_d + shr' shl$$

$$S_1 = I_d' shl + I_d' shr$$

	I_d	
shr/shl	0	1
00		
01	1	
11		
10		

Example
placing
mount
parts



K-map $\rightarrow S_1$

		clr	set		
		00	01	11	10
$I_d shl$					
00				1	1
01	1				1
11				1	1
10				1	1

$clr + set' I_d' shl$

ECGR2181 - Extra Notes - 12/7/09

50

ldsel	clr sel	0001	0110
00			1
01		1	1
11	1	1	1
10	1	1	1

50 = clr + ldsel'

(2)

Up to 4B-25