

## **MPC79 Wafer Partitioning:**

WAFER PARTITIONING:  
SUGGESTION:

A	B
MIT 91.23	CALTECH 94.28
<u>OTH 65.50</u>	SU 79.16
ILL 38.91	UofR 30.34
<u>CMU 28.10</u>	<u>UCB 21.81</u>
<u>223.74</u>	225.59

XEROX

WAFER A

B	MIT2	
C	MIT1	class
D	ILL	
E	CMU	UICless MURPHY Reports
F	SCHIP	
G	MIT3	Snyder Waip CT
H	DOC	

WAFER B

I	SU2	
J	CT1	
K	SU1	
L	CT2	
M	UCB	(+CT)
N	UR	(+SU)
O	DOC	

ESTIMATE OF AVAILABLE AREA:

$$\begin{aligned} A &= (12 \text{ d.r.}) \times (5.926 \text{ mm}) \times (7.548 \text{ mm}) \times D_p \\ &= 12 \times 44.73 \text{ mm}^2 \times D_p \\ &= 536.75 D_p \end{aligned}$$

Now  $D_p$ :  $\sim .75 < D_p < \sim .93$

$\therefore 400 \text{ mm}^2 < A < 500 \text{ mm}^2$

<u>DEMAND</u>			HIT LIST	
	PR.	MM <sup>2</sup>	PR.	MM <sup>2</sup>
MIT	15	91.23		
CALTECH	22	94.28	2	9.83
STANFORD	17	79.16	5	28.66
UCB	4	21.81		
ILLINOIS	5	38.91		
CMU	5	28.10		
UofR	5	30.34		
OTHER	6	65.50		
	79	449.33	7	38.49

WILL FILL IF  $D_p \cong .84$