

$\approx 600 \mu\text{m}^2$  reticle limit  
 $\approx 15 \mu\text{m}$  pitch  
 $\approx 1$  Mpixel array  
2-side buttable

$\approx 7500 \mu\text{m}^2$   
 $\approx 100 \mu\text{W}$   
10-12 bit  
 $\approx 10$  Msps

5 Gb/s

