Vision Microsystem Architecture
Passive Pixel Sensor (PPS)
Active Pixel Sensor (APS)
Logarithmic Pixel Sensor (LPS)
Digital Camera (DCAM)
Computational Sensor

X Computational Circuits

Y Computational Circuits

Row Select

Amplifiers

Column Select

PIXEL
Motion Compensation Architecture
Motion Compensation Chip

- Video generation (D)
- Tracking Loop components (A)
- CMOS Imager and Preprocessor (A)
- Motion and Centroid Computation (A, SC)