

## Preliminary Data Sheet

# *Narragansett Imaging*

## **FFM4026D/Multi Digital CCD Camera Module**

The FFM4026D/Multi is a **4k x 2.6k** digital camera module that is designed for high-resolution, high speed OEM imaging applications.



### **Features:**

- \* 4k x 2.6k (11M Pixels) progressive scan CCD
- \* 25MHz Pixel Frequency
- \* Frame Rate (Full Resolution)
  - 2 fps – 1 output
  - 4 fps – 2 output
  - 7 fps – 4 output (future option)
- \* Operating Mode
  - Free run, trigger, integration control, binning (V)
- \* Simple Defective Column Substitution
- \* Camera Link Interface
- \* USB Control Option
- \* Programmable Digital Output Look Up Tables

### **Preliminary Performance Summary:**

AD conversion	12 bit
Total RMS dark noise	<2DN (Odb gain)
$Q_{\max_{\text{Lin}}}$	175 kel
Gain	Variable gain 0-36db (0.05db steps)
Black level adjusted to	40 DN $\pm$ 5DN adjustable
Operating temp range	10 - 45° C
Sensitivity	40e/DN
Power requirements	+24V DC, +7VDC