Preliminary Specifications

**General**
- LCD type: ECB, Reflective
- Diagonal size: 1.34” Round
- Resolution: 320RGBx300
- Active area: Phi 34.08mm
- Pixel Pitch: 35.5um(H) x 106.5um(V)
- PPI: 239

**Electrical**
- Interface: MIPI-DSI 1lane / SPI
- Power Supply: VDD=1.8V, VLCD=3.5V
- Power Consumption (Target):
  - MIP Mode: ( TYP. 1 mW )
  - Normal Driving Still Image: ( TYP. 10 mW )
  - Normal Driving Moving Image: (TYP. 20 mW)

**Optical**
- @Reflective mode
  - Color gamut: Typ. 23%
  - Contrast: Typ. 20:1
  - Number of colors:
    - MIP Mode: 8 color(R, G, B 1bit)
    - Normal Driving: 262K colors
- @Transmissive mode
  - Reflectance: Typ. 21%
  - Luminance: 10cd/m² @ 20mA

**Mechanical**
- Glass size: 36.88mm(H) x 37.18mm(V) x 0.4mm(T)
- Module structure: LCD panel + FPC + BL
- Module dimensions: 37.28mm(H) x 38.18mm(V) x 1.55mm(D)

**Feature**
- Feature: Memory In Pixel

**Note**
By taking a special diffuse film which has been developed with TOMOEGAWA Co., Ltd. jointly, higher color gamut and higher reflectance can be realized as JDI’s conventional ratio.