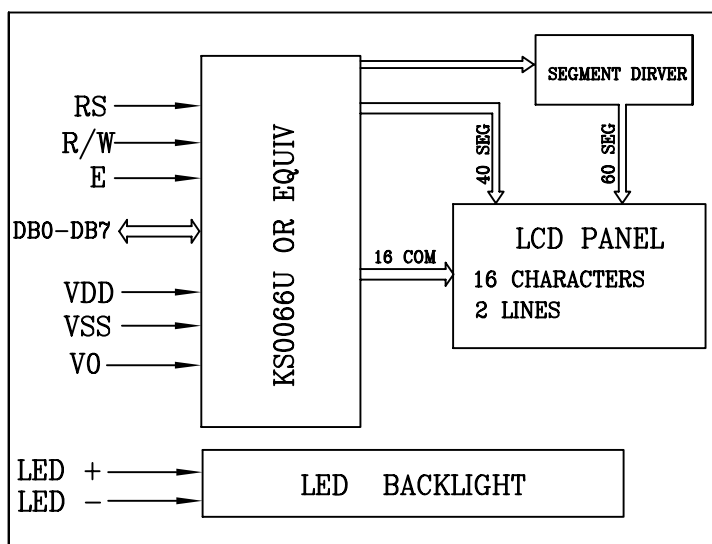


| ITEM | SYMBOL | MIN. | MAX. | UNIT |
|-------------------|------------------|------|---------|------|
| Power Supply(VDD) | V _{DD} | -0.3 | 7.0 | V |
| Input Voltage | V _i | -0.3 | VDD+0.3 | V |
| Operating Temp. | T _{opr} | -20 | +70 | °C |
| Storage Temp. | T _{stg} | -30 | +80 | °C |

| ITEM | STANDARD VALUE |
|-----------------|------------------------------------|
| Display Type | 16(Character) x 2(Row) |
| LCD Type | STN(Blue/Yellow-Green/Gray) ; FSTN |
| Drive Method | 1/16Duty, 1/5Bias, VOP 4.7V |
| Viewing Angle | 6 0'clock ; 12 0'clock |
| Backlight Color | White ; Yellow-Green |
| Control IC | SPLC780D |

Driver Diagram



| PIN DESCRIPTION | | | |
|-----------------|---------|-------|---------------------------|
| PIN | SYMBOL | LEVEL | FUNCTION |
| 1 | VSS | 0V | Ground |
| 2 | VDD | H | Power Supply For Logic |
| 3 | V0 | -- | Power Supply For LCD |
| 4 | RS | H/L | H:Data L:Instruction Code |
| 5 | RW | H/L | H:Read L:Write |
| 6 | E | H | Chip Enable Signal |
| 7-14 | DB0-DB7 | H/L | Data Bus |
| 15 | LEDA | H | Backlight Anod |
| 16 | LEDK | L | Backlight Negative |