



| PIN | SYMBOL | FUNCTION |
|-------|----------|--|
| 1 | VSS | GND |
| 2 | VDD | POWER SUPPLY |
| 3 | V0 | OPERRATION VOLTAGE FOR LCD |
| 4 | RS | SELECT REGISTER(PARALLEL MODE) 0: COMMAND 1:DATA CHIP SELECTION(SERIAL MODE) 1: CHIP ENABLE 0: CHIP DISABLE |
| 5 | R/W | READ/WRITE SIGNAL(0:WRITE;1:READ) (PARALLEL MODE) INPUT SERIAL DATA(SERIAL MODE) |
| 6 | E | READ/WRITE ENABLE(PARALLEL MODE) SERIAL PULSE(SERIAL MODE) |
| 7-10 | D0-D3 | HIGH 4-BIT IN PARALLEL MODE; IN ORDER TO INTERFACE DATA OF TRANSMIT AND RECEIVE BETWEEN MPU AND ST7920 D0-D3 PINS ARE USELESS IN SERIAL MODE; |
| 11-14 | D4-D7 | HIGH 4-BIT IN PARALLEL MODE; IN ORDER TO INTERFACE DATA OF TRANSMIT AND RECEIVE BETWEEN MPU AND ST7920; THE TERMINALS ARE USELESS IN 4-BIT CONTROL MODE AND SERIAL MODE; |
| 15 | PSB(VSS) | MPU CONTROL INTERFACE SELECTION, 0: SERIAL MODE, 1: PARALLEL MODE |
| 16 | NC | NO CONNECTION |
| 17 | /RET | RESET SINGNAL |
| 18 | VEE | MULTIPLE VOLTAGE OUTPUT |
| 19 | LEDA | LED ANODE |
| 20 | LEDK | LED CATHODE |

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