

Seiko G321E

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| Model | G321E |
| Manufacturer | Seiko |
| Resolution | 320x240 |
| Number of Colors | Mono |
| Technology | STN-Mono |
| Interface | Digital |

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|---------------------------|--------------|
| Filename | LC_G321E.XXX |
| Bios code | JA |
| Bios/Table version | V2.0/V2.0 |
| Used Controller | 535/540/545 |
| Date of adaption | 11.96 |
| Size | 6" |

Notes

| LCD signal | LCD connector pin | Controller signal |
|------------|-------------------|-------------------|
| CL2 | 4 | CLK |
| FLM | 1 | FLM |
| CL1 | 3 | LP |
| M | 2 | M |
| Vlc* | 12 | EVVEE* |
| VDD | 5,10 | EVDD |
| VSS | 11 | GND |
| VO | 13 | Externally |
| | | |
| D0 | 6 | P3 |
| D1 | 7 | P2 |
| D2 | 8 | P1 |
| D3 | 9 | P0 |

| Voltage description | Voltage level | Maximum current | Note |
|---------------------|---------------|-----------------|------|
| VDD | +5V DC | 15mA | |
| Vlc | -24V DC | 15mA | |

The voltages for the lcd have to be switched in correct power-up and -down sequence. Use EVVEE pin on the board to switch the external generated VEE. On some boards, this output is in TTL level only. An external fet or relais is needed for save switching of VEE. **Never connect VEE direct to the board or LCD!** Ask Digital-Logic LCD-Support for further informations.

For contrast adjustment connect a 10kOhm potentiometer between Vlc and VDD. Connect the wiper to VO of LCD.