



INDEX

Connection cable	2
AM6000N Installation Firmware procedure	3
AM4000 Installation Firmware procedure	5
AM2000N Installation Firmware procedure	7
AM1000 Installation Firmware procedure	8
LCD6000N- LCD6000T - LCD6000A - Installation Firmware procedures	9
SIB-OEM - Installation Firmware procedures	9

Connection Cable

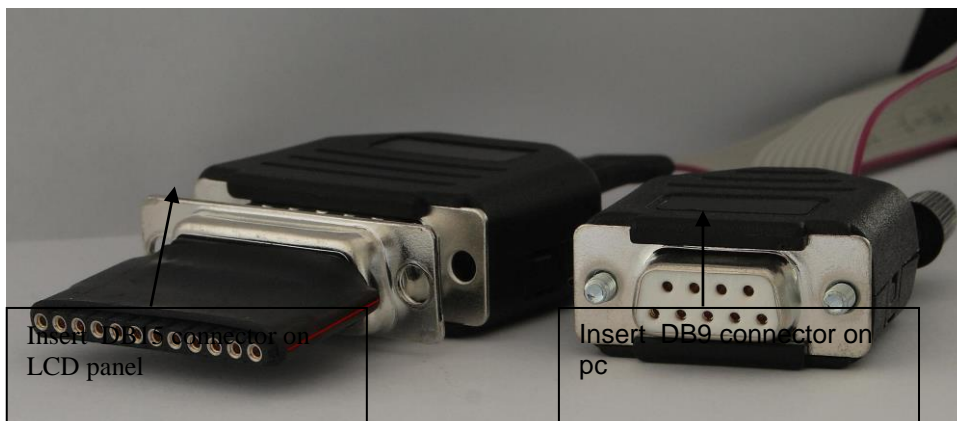
Connection for AM2000N, AM4000, AM6000N control panel.



Insert DB15 connector on control panel

Insert DB9 connector on pc

Connection for AM1000, LCD6000N , LCD6000T, LCD6000A .



Insert DB15 connector on LCD panel

Insert DB9 connector on pc

2382340

AM6000N INSTALLATION FIRMWARE PROCEDURE

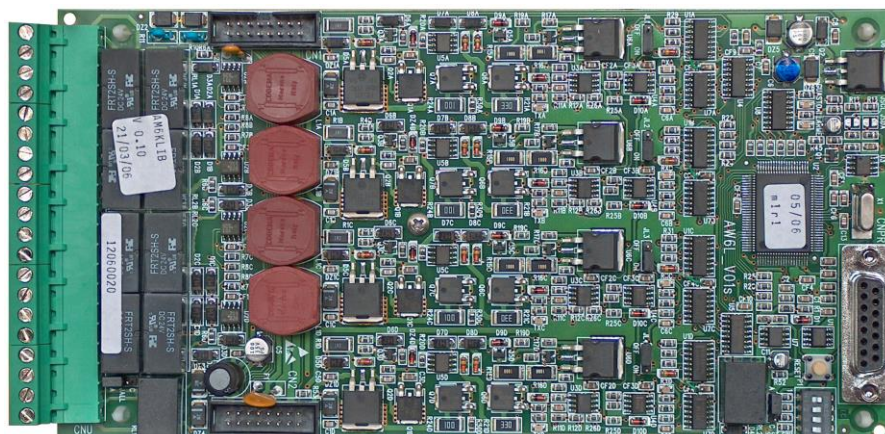
A – Main board

1. Connect the serial cable to **CNPR** connector on Main board AM6000
2. Connect the panel to the main supply
3. Install the floppy disk on P.C.
4. Start "**FlashSta.exe**"
5. Select **Internal flash memory** and used **COM**
6. Press OK
7. If the connection is correct will appear the window "**ID Check**"
8. Select **MCU Type M16C/20 62**
9. Press **Refer...** and select the file **AMxBAxxx.mot**
10. Press OK
11. Will appear the window **M16C Flash Start**
12. Press **Setting...**
13. **Select Baud Rate = 57600, Program_intervals(ms) = 40**
14. Select **EPR.**
15. Press OK .
16. Wait the end of operation and close the FlashSta.exe programm
17. Power off the panel

B – Lib Board

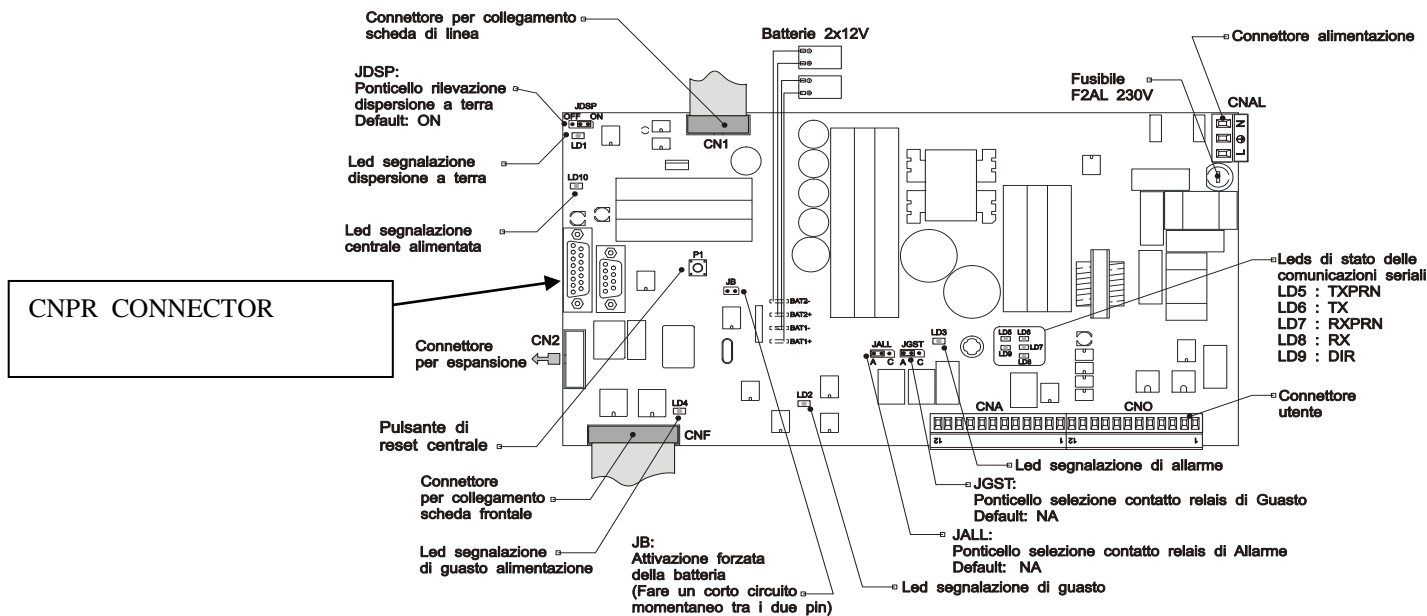
1. Connect the serial cable to **CNPR** connector on lib board AM6000
2. Connect the panel to the main supply
3. Install the floppy disk on P.C.
4. Start "**FlashSta.exe**"
5. Select **Internal flash memory** and used **COM**
6. Press OK
7. If the connection is correct will appear the window "**ID Check**"
8. Select **MCU Type M16C/20 62**
9. Press **Refer...** and select the file **AMxLIBxxx.mot**
10. Press OK
11. Will appear the window **M16C Flash Start**
12. Press **Setting...**
13. **Select Baud Rate = 57600, Program_intervals(ms) = 40**
14. Select **EPR .**
15. Press OK .
16. Wait the end of operation and close the FlashSta.exe programm
17. Power off the panel
18. Disconnect the serial cable

Lib-Board



CNPR CONNECTOR

Main-Board



AM4000 INSTALLATION SOFTWARE PROCEDURE

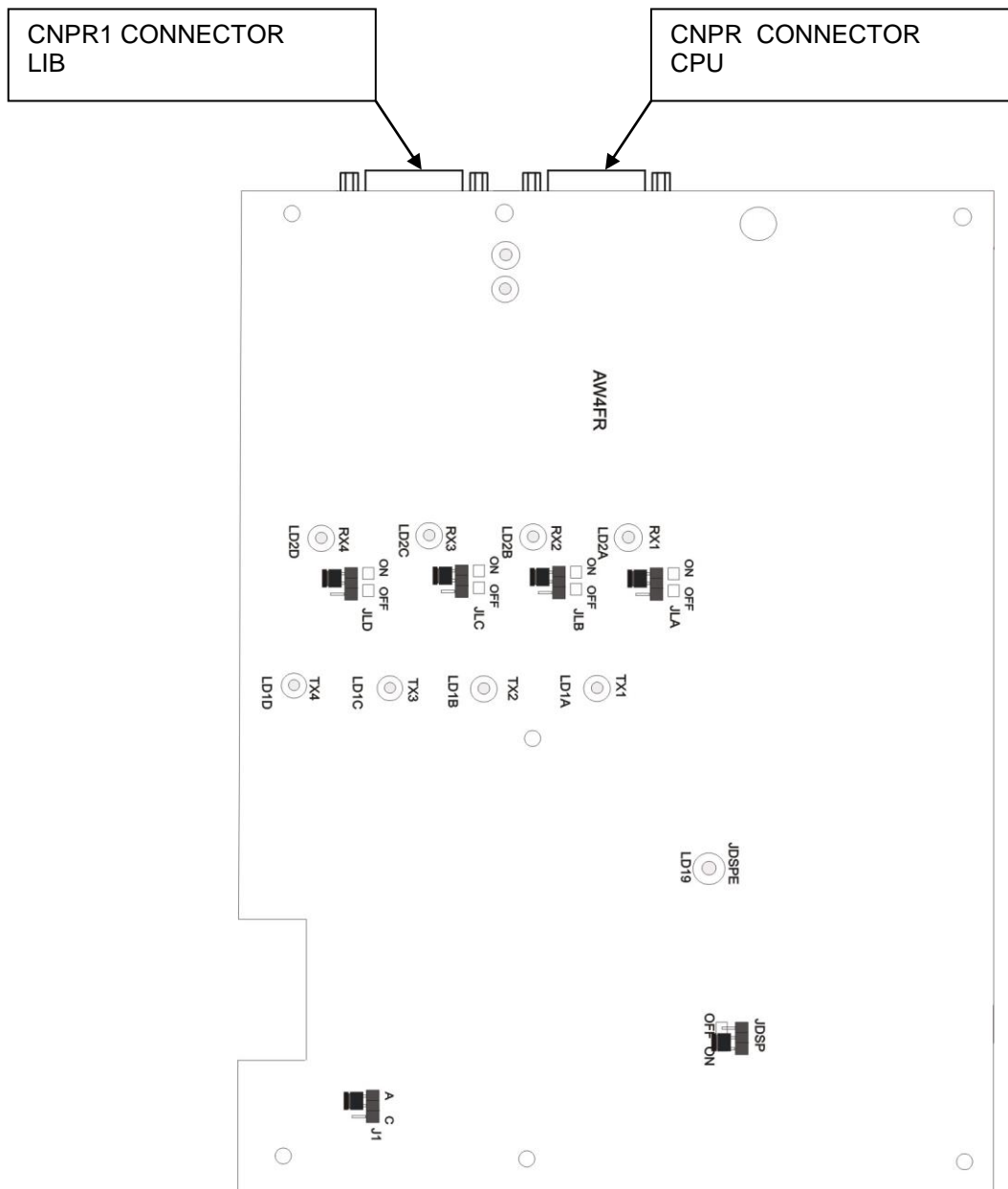
A - CPU (on Display board)

1. Connect the serial cable to **CNPR** connector on display board AM4000
2. Connect the panel to the main supply
3. Install the floppy disk on P.C.
4. Start "**FlashSta.exe**"
5. Select **Internal flash memory** and used **COM**
6. Press OK
7. If the connection is correct will appear the window "**ID Check**"
8. Select **MCU Type M16C/20 62**
9. Press **Refer...** and select the file **AMxBAxxx.mot**
10. Press OK
11. Will appear the window **M16C Flash Start**
12. Press **Setting...**
13. **Select Baud Rate = 57600, Program_intervals(ms) = 40**
14. Select **EPR.**
15. Press OK .
16. Wait the end of operation and close the FlashSta.exe programm
17. Power off the panel

B – LIB (on Display board)

1. Connect the serial cable to **CNPR1** connector on display board AM4000
2. Connect the panel to the main supply
3. Install the floppy disk on P.C.
4. Start "**FlashSta.exe**"
5. Select **Internal flash memory** and used **COM**
6. Press OK
7. If the connection is correct will appear the window "**ID Check**"
8. Select **MCU Type M16C/20 62**
9. Press **Refer...** and select the file **AMxLIBxxx.mot**
10. Press OK
11. Will appear the window **M16C Flash Start**
12. Press **Setting...**
13. **Select Baud Rate = 57600, Program_intervals(ms) = 40**
14. Select **EPR .**
15. Press OK .
16. Wait the end of operation and close the FlashSta.exe programm
17. Power off the panel
18. Disconnect the serial cable

AM4000 Display Board

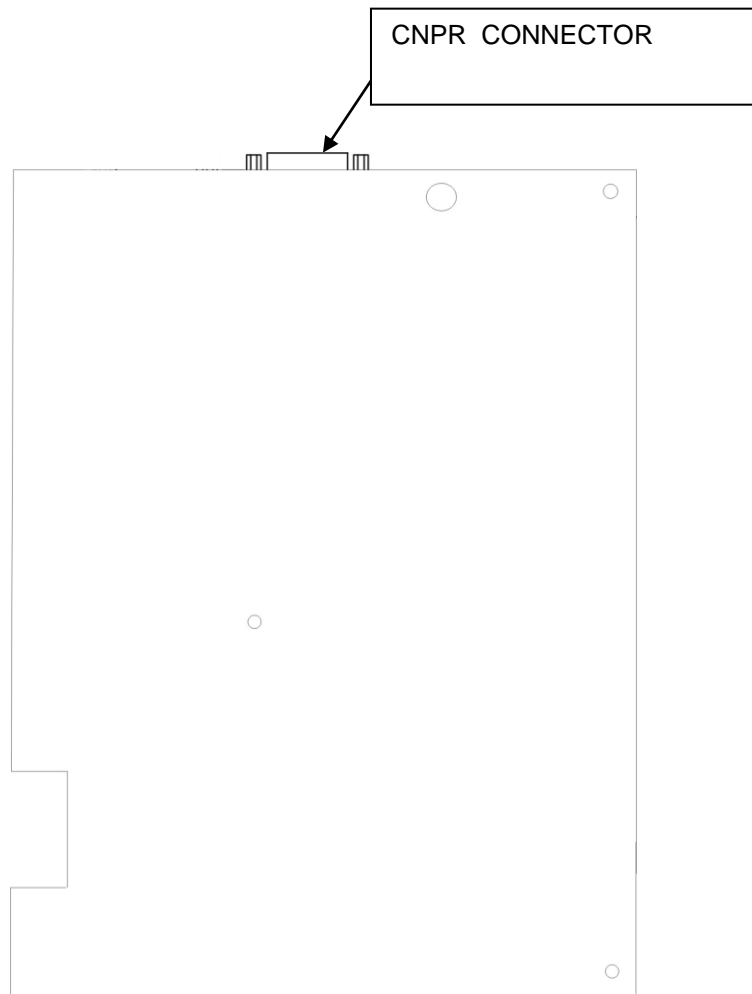


AM2000N INSTALLATION FIRMWARE PROCEDURE

A - CPU

1. Connect the serial cable to **CNPR** connector on display board AM2000
2. Connect the panel to the main supply
3. Install the floppy disk on P.C.
4. Start "**FlashSta.exe**"
5. Select **Internal flash memory** and used **COM**
6. Press OK
7. If the connection is correct will appear the window "**ID Check**"
8. Select **MCU Type M16C/20 62**
9. Press **Refer...** and select the file **AMxBAxxx.mot**
10. Press OK
11. Will appear the window **M16C Flash Start**
12. Press **Setting...**
13. **Select Baud Rate = 57600, Program_intervals(ms) = 40**
14. Select **EPR.**
15. Press OK .
16. Wait the end of operation and close the FlashSta.exe programm
17. Power off the panel

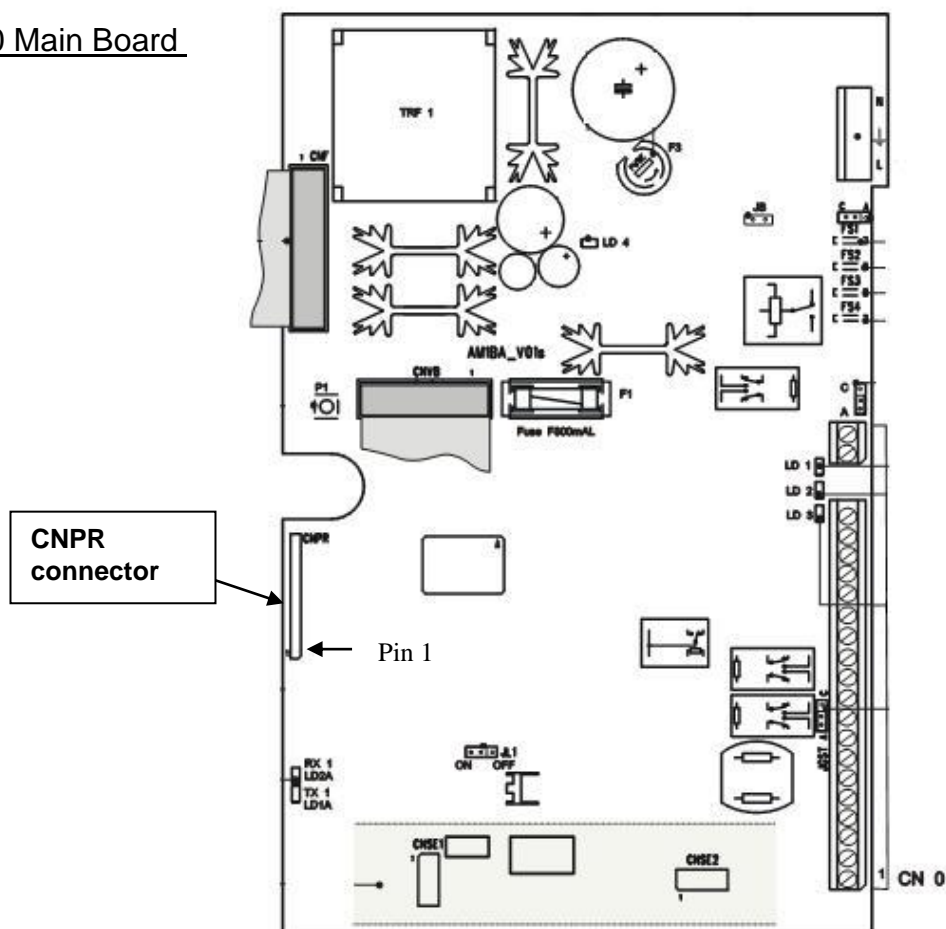
AM2000N Display Board



AM1000 INSTALLATION FIRMWARE PROCEDURE

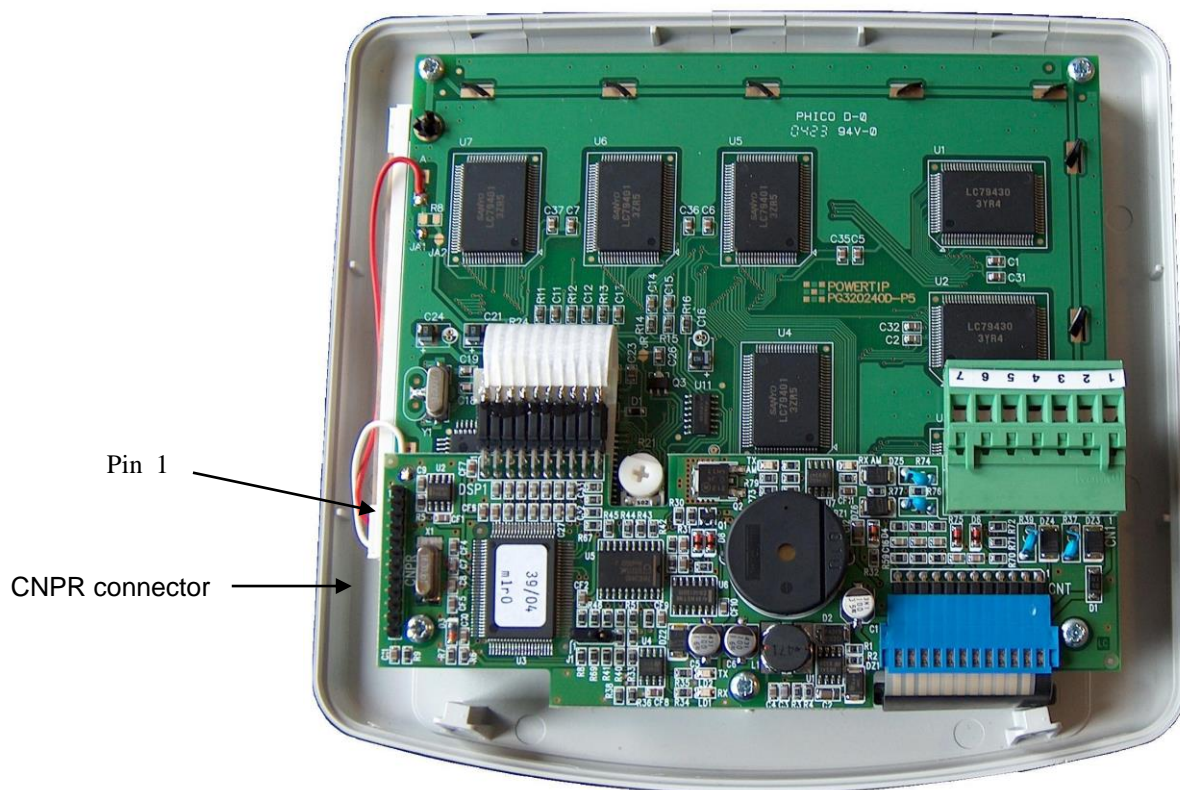
1. Connect the serial cable to **CNPR** connector on main board AM1000 (**attention to pin 1**).
2. Connect the panel to the main supply
3. Install the floppy disk on P.C.
4. Start "**FlashSta.exe**"
5. Select **Internal flash memory** and used **COM**
6. Press OK
7. If the connection is correct will appear the window "**ID Check**"
8. Select **MCU Type M16C/20 62**
9. Press **Refer...** and select the file **AM1000.mot**
10. Press OK
11. Will appear the window **M16C Flash Start**
12. Press **Setting...**
13. **Select Baud Rate = 57600, Program_intervals(ms) = 40**
14. Select **EPR**
15. Press OK .
16. Wait the end of operation and close the FlashSta.exe programm
17. Power off the panel

AM1000 Main Board

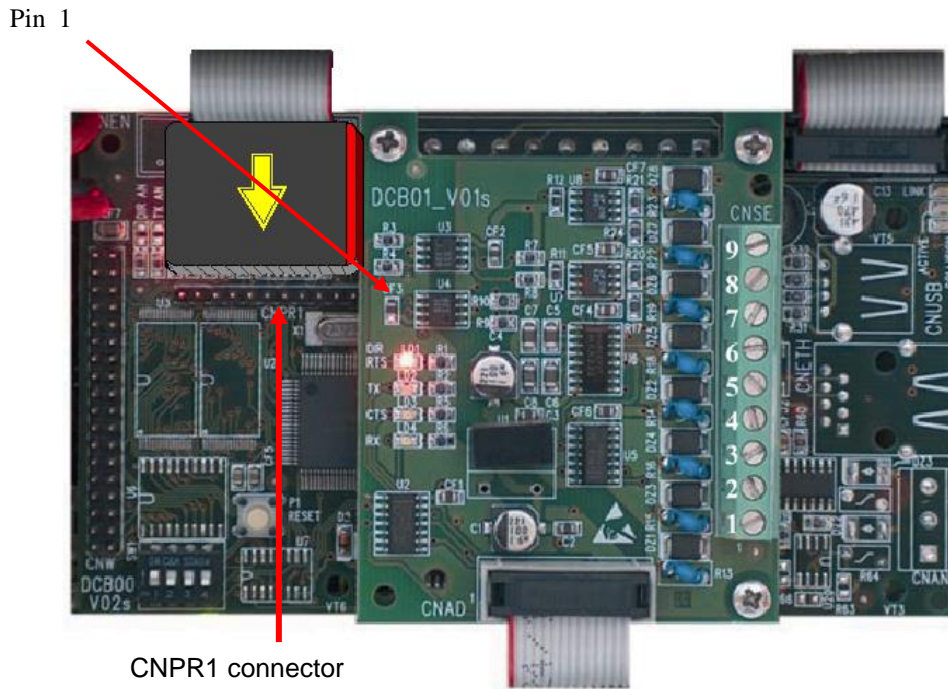


LCD6000N - LCD6000T - LCD6000A INSTALLATION FIRMWARE PROCEDURES

1. Connect the serial cable to **CNPR** connector on main board AM1000 (**attention to pin 1**).
2. Connect the panel to the main supply
3. Install the floppy disk on P.C.
4. Start "**FlashSta.exe**"
5. Select **Internal flash memory** and used **COM**
6. Press OK
7. If the connection is correct will appear the window "**ID Check**"
8. Select **MCU Type M16C/20 62**
 - for **LCD6000N** Press **Refer...** and select the file **LCDKN_Vxxx.mot**
 - for **LCD6000T** Press **Refer...** and select the file **LCDKT_Vxxx.mot**
 - for **LCD6000A** Press **Refer...** and select the file **LCDKA_Vxxx.mot**
9. Press OK
10. Will appear the window **M16C Flash Start**
11. Press **Setting...**
12. **Select Baud Rate = 57600, Program_intervals(ms) = 40**
13. Select **EPR**
14. Press OK .
15. Wait the end of operation and close the FlashSta.exe programm
16. Power off the panel



SIB-OEM INSTALLATION FIRMWARE PROCEDURES



- 1 Connect the serial cable to **CNPR1** connector on board SIB-OEM (**attention to pin 1**).
- 2 Connect the panel to the main supply
- 3 Install the floppy disk on P.C.
- 4 Start "**FlashSta.exe**"
- 5 Select **Internal flash memory** and used **COM**
- 6 Press OK
- 7 If the connection is correct will appear the window "ID Check"
- 8 Select **MCU Type M16C/20 62**
- 9 Press **Refer...** and select the file **sib6-Vxxx.mot**
- 10 Press OK
- 11 Will appear the window **M16C Flash Start**
- 12 Press **Setting...**
- 13 Select **Baud Rate = 57600, Program_intervals(ms) = 40**
- 14 Select **EPR**
- 15 Press OK .
- 16 Wait the end of operation and close the FlashSta.exe programm
- 17 Power off the panel