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TCF Agent (1)

Project Explorer

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VNA\_1022\_BASE.cpp CLASSLCM1602.h CLASSLCM1602.cpp

```
102 // detect i2c slaves pn i2c bus #1
103 system("sudo i2cdetect -y 1");
104 // detect i2c " bus " number
```

Problems Tasks Console Properties Call Graph Search Error Log

TCF Debug Process Terminal - P5898

SMBus PEC yes  
I2C Block Write yes  
I2C Block Read yes

i2cdump version 3.1.2

No size specified (using byte-data access)

|     | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | a  | b  | c  | d  | e  | f  |                           |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------------------|
| 00: | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 0a | 0b | 0c | 0d | 0e | 0f | 0123456789abcdef          |
| 10: | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 1a | 1b | 1c | 1d | 1e | 1f | .??????.??????            |
| 20: | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 2a | 2b | 2c | 2d | 2e | 2f | ??????????????            |
| 30: | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 3a | 3b | 3c | 3d | 3e | 3f | ! "\$ % ? ? ? ! "\$ % ? ? |
| 40: | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 4a | 4b | 4c | 4d | 4e | 4f | 012345?012345??           |
| 50: | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 5a | 5b | 5c | 5d | 5e | 5f | @ABCDEF?@ABCDEF?          |
| 60: | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 6a | 6b | 6c | 6d | 6e | 6f | PQRSTUVPQRSTUVP           |
| 70: | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 7a | 7b | 7c | 7d | 7e | 7f | 'abcdeF?' 'abcdeF?        |
| 80: | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 8a | 8b | 8c | 8d | 8e | 8f | pqrstuVpqrstuV?           |
| 90: | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 9a | 9b | 9c | 9d | 9e | 9f | ????????????????          |
| a0: | a0 | a1 | a2 | a3 | a4 | a5 | a6 | a7 | a8 | a9 | aa | ab | ac | ad | ae | af | ????????????????          |
| b0: | b0 | b1 | b2 | b3 | b4 | b5 | b6 | b7 | b8 | b9 | ba | bb | bc | bd | be | bf | ????????????????          |
| c0: | c0 | c1 | c2 | c3 | c4 | c5 | c6 | c7 | c8 | c9 | ca | cb | cc | cd | ce | cf | ???????F???????F?         |
| d0: | d0 | d1 | d2 | d3 | d4 | d5 | d6 | d7 | d8 | d9 | da | db | dc | dd | de | df | ???????F???????F?         |
| e0: | e0 | e1 | e2 | e3 | e4 | e5 | e6 | e7 | e8 | e9 | ea | eb | ec | ed | ee | ef | ???????F???????F?         |
| f0: | f0 | f1 | f2 | f3 | f4 | f5 | f6 | f7 | f8 | f9 | fa | fb | fc | fd | fe | ff | ???????f???????f?         |

No size specified (using byte-data access)

|     | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | a  | b  | c  | d  | e  | f  |                    |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|
| 00: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| 10: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| 20: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| 30: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| 40: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| 50: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| 60: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| 70: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| 80: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| 90: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| a0: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| b0: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| c0: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| d0: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| e0: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |
| f0: | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | 00 | 85 | 80 | 7f | 00 | 85 | 80 | XX | .????.??X.????.??X |

\*\*\* TRACE file ../src/MODULES/M\_LCM1602\_I2C/CLASSLCM1602.cpp

function Initialize\_iocctl

device dev/i2c-1

address 0x48

line 5142

Step 1

VNAR\_1241