

ECN # 338.2

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**ENGINEERING CHANGE NOTE:**

mfx3

ECN #:

338.2

ASSEMBLY: BMW4032**DESCRIPTION:** MW4-IOC1 Input Output Card 1**New Assembly:****DATE:** 24/05/00**Current Assy Rev:** C**Current Schematic Rev:** 3.0**New Assy Rev:** D**New Schematic Rev:** 3.1

IOC1 Rev 3.1 and below cannot use the SERIAL and MODEM RS232 ports and hence will fail the diagnostics.
This ECN applies to Rev C (3) boards only.

☐ CMS BOMs Updated ☒ Excel BOMs Updated ☒ Subcontractor Records Updated **Compatibility Maintained:** Yes

IMPLEMENTATION INFORMATION:

- | | | | |
|---|---|---------------------------------------|--------------------------------------|
| <input type="radio"/> Safety Issue | <input type="radio"/> UL Compliance Issue | <input type="radio"/> New Feature | <input type="radio"/> Cost Reduction |
| <input checked="" type="radio"/> Bug Fix | <input checked="" type="radio"/> EMC Compliance Issue | <input type="radio"/> Quality Issue | |
| <input type="radio"/> Reliability Reasons | <input type="radio"/> Software Change | <input type="radio"/> Cosmetic Change | |

REASON FOR CHANGE:

Set correct mode of operation of PC97338 chip.

(Item deleted - refer ECN 342.1).

Pullup PRINTER port connector status pins.

Swap pins 3,4 on SONYA,B,R connectors.

DETAILS OF CHANGE:

1. Cut track to R15 on end near reference text, connect this end to J1/B24.
2. (Item deleted - refer ECN 342.1).
3. Connect 4k7 to P12/1
Connect 4k7 to P12/14
Connect 4k7 to P12/16
Connect 4k7 to P12/17
Connect the other end of each resistor together and to U8/16 (Vcc)
(THIS MODIFCATION WIRE SHOULD GO AROUND THE EDGE OF THE PCB ON THE SIDE NEAR P12.)
4. Cut track to FN8/1. (Pin 1 of FN8 is nearest the 'F' of the FN8 reference silkscreen.)
Cut track to FN8/2
Connect FN8/1 to U7/7.
Connect FN8/2 to U7/6.
5. Cut track to FN15/1. (Pin 1 of FN15 is nearest the FN15 reference silkscreen.)
Cut track to FN15/2
Connect FN15/1 to J1/D4.
Connect FN15/2 to J1/D2.
6. Cut track to FN14/1 (Pin 1 of FN14 is nearest the 'F' of the FN14 reference silkscreen).
Cut track to FN14/2
Connect FN14/1 to J1/D8.
Connect FN14/2 to J1/D6.

Changes from ECN 338 to ECN 338.1: New routing of mod wire in step 3.

Changes from ECN 338.1 to ECN 338.2: Deleted item 2 in reasons & details. Changed pin numbers, in Item 4, for U7.
Changed special note.

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