

ECN # 406

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**ENGINEERING CHANGE NOTE:**

mfx3

ECN #:

406

ASSEMBLY: BMW4021D and BMW4021E**DESCRIPTION:** MW4-PS1 Power Supply PCB**New Assembly:****DATE:** 05/02/01**Current Assy Rev:** K**Current Schematic Rev:****New Assy Rev:** ECN ABANDONED**New Schematic Rev:**

AFTER EVALUATION THIS ECN HAS BEEN ABANDONED.

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

IMPLEMENTATION INFORMATION:

- ☐ Safety Issue ☐ UL Compliance Issue ☐ New Feature ☐ Cost Reduction
☐ Bug Fix ☐ EMC Compliance Issue ☐ Quality Issue
☐ Reliability Reasons ☐ Software Change ☐ Cosmetic Change

REASON FOR CHANGE:

Symptom: Some instability in 5V rail

DETAILS OF CHANGE:

1. Chnge the value of Capacitors C32 and C33 from 220 pF to 680 pF (NOTE: Alternative value of 470 pF is beeing evaluated)

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NOTE TO PRODUCTION: Modify all the loose PS1 Cards in stock by replacing C32 and C33 with 680 pF Capacitors (F/L Part No. CCR3108) and label them with the new revision (BMW4021E-L or BMW4021D-L). If the Cards are assembled into the PSA chassis, apply mods as per ECN405.

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NOTE TO SUBCONTRACTORS: Modify all Cards in WIP by replacing C32 and C33 with 680 pF capacitors (F/L Part No. CCR3108) and label them with the new revision (BMW4021E-L or BMW4021D-L). If the Cards are assembled into the PSA chassis, apply mods as per ECN405.

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H/W or Project Engineer: _____

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R&D Manager: _____