

ECN # 413

Page 1 of 1

**ENGINEERING CHANGE NOTE:**

mfx3

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413

ASSEMBLY: BMW4051E-F**DESCRIPTION:** MW4-CG5 Colour Graphics 5 CARD**New Assembly:** BMW4051E-G**DATE:** 23/05/01**Current Assy Rev:** F**Current Schematic Rev:****New Assy Rev:** G**New Schematic Rev:**

☐ 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:

The original spec for U11 was FL part number STS9582 with two alternative parts: CY7C4215V-10ASC or IDT72V215L10TF. IDT part was not available nor the Cypress part "-10". Cypress part "-15" was used as a substitute. It is no longer acceptable for the risk of graphics malfunction.

DETAILS OF CHANGE:

1. Replace STS9582 (CY7C4215V-15ASC) with STS8551 (IDT72V215L10TF) in location U11.

NOTE TO PRODUCTION: Identify all stock of STS9582. All the parts that are CY7C4215V-15ASC to be quarantined under that part number and not used for any CG5 card repairs. If the parts are identified as IDT72V215L10TF relabel them with the part number STS8551 and store for future use.

NOTE TO SUBCONTRACTORS: Identify all stock of FL part number STS9582. All the parts that are CY7C4215V-15ASC to be quarantined under that part number and not used for future production of CG5 cards. Parts should be returned to the supplier if possible. If the parts are identified as IDT72V215L10TF relabel them with the FL part number STS8551 (and a new subcontractor's part number) and store for future use. All future production of CG5 Cards must use the specified IDT chip only (until further notice).

NOTE TO FIELD SERVICE: At this stage no action is required. If any problems with the graphics display are experienced please notify FL R&D.