fairlight ENGINEERING CHANGE NOTE: mfx3

ECN #: 360.2

ASSEMBLY: BMW4041D **DESCRIPTION:** MW4-QDC Quad Digital Channel Card

New Assembly: **DATE:** 17/10/00

Current Assy Rev: F **Current Schematic Rev:**

New Assy Rev: G 1G **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:

Correct mistakes in the BOM

Improve DSP and ADV clock signals

DETAILS OF CHANGE:

1. Fit a 1k5 SMD 0603 resistor Fairlight P/N RMD7490 at each of the following locations: R5, R15, R307, R310, R314, R316 on QDC rev4 boards.
2. Fit a 220r SMD 0603 resistor Fairlight P/N RMD4319 at location R313
3. On solder side, cut track from U145/4 to R307 (This is a very short track). Reconnect same pad of R307 to U145/3
4. Inspect ICs U112-U115 and U123-U126 (8 x CY7C024 DPRAMS)

   If any of these 8 parts have a speed grade = 25 ns then add a solder blob across J5 and place a assembly revision label after the blank PCB P/N on the card, marked "1G", so it looks as follow: "BMW4041D-1G"

   If all 8 parts are speed grade 15 or 20 ns then there should be no solder blob on J5 and place a assembly revision label after the blank PCB P/N on the card, marked "G", so it looks as follow: "BMW4041D-G"

ECN360.2 is a correction to ECN 360.1: Changed "G" to "G 1G" in NEW ASSY REV