ENGINEERING CHANGE ORDER

PRODUCT AFFECTED: MATRIX-12
DRAWINGS AFFECTED: NONE
ECO No. 8Φ1

AFFECTIVITY:
☐ AS REQUIRED IN TEST
☒ FUTURE PRODUCTION
☐ RETROFIT PRODUCTION & INVENTORY
☒ RETROFIT IN FIELD ☒ AS NEEDED
☐ DRAWING CORRECTION ONLY

REASON FOR CHANGE:
1. IMPROVE VCO 1 PULSE WIDTH TUNING.
2. ELIMINATE SMALL GLITCH IN MIDDLE OF RANDOM LFO WAVEFORMS.
3. IMPROVE VOICE BOARD REVISION RECOGNITION RELIABILITY.

WRITTEN BY: MARCUS RYLE
DATE: 3-8-85
APPROVED BY: [Signature]
DATE: 3-8-85

DESCRIPTION OF CHANGE:

ON EACH VOICE BOARD (2):
REPLACE 2764 EPROM AT LOCATION U912 LABELED CA 1.3 0 WITH CA 1.4 0.
REPLACE 2764 EPROM AT LOCATION U914 LABELED CA 1.3 1 WITH CA 1.4 1.
ENGINEERING CHANGE ORDER

PRODUCT AFFECTED: MATRIX-12

DRAWINGS AFFECTED: NONE

ECO No. 852

AFFECTIVITY:
☐ AS REQUIRED IN TEST
☒ FUTURE PRODUCTION
☐ RETROFIT PRODUCTION & INVENTORY
☐ RETROFIT IN FIELD ☐ AS NEEDED
☐ DRAWING CORRECTION ONLY
☐

REASON FOR CHANGE:
TO ELIMINATE THE POSSIBILITY OF THE CLOCK CABLES BECOMING DISCONNECTED FROM THE PROCESSOR BOARD WHILE IN TRANSIT.

WRITTEN BY: MARCUS RYLE

DATE: 4/3/85

APPROVED BY: [Signature]

DATE: 4/3/85

DESCRIPTION OF CHANGE:

1. MODIFY TWO CABLE ASSEMBLIES *4 (OBERHEIM PART *750185-0) BY REMOVING ONE OF THE TWO 3 PIN MOLEX CONNECTORS ON EACH SO THAT THERE IS A CONNECTOR ON ONLY ONE END OF EACH CABLE.

2. REMOVE THE 3 PIN MALE MOLEX CONNECTORS (OBERHEIM PART *219340) ON THE MATRIX-12 PROCESSOR BOARD (720102) AT CONNECTOR LOCATIONS D AND E.

3. SOLDER THE BARE WIRE END OF CABLE ASSEMBLIES TO THE PROCESSOR BOARD AT LOCATIONS D AND E. THE SHIELD OF ONE OF THE CABLES SHOULD BE SOLDERED TO PIN 1 OF CONNECTOR D, AND THE CENTER CONDUCTOR OF THE SAME CABLE SHOULD BE SOLDERED TO PIN 2 OF CONNECTOR D. THE OTHER CABLE SHOULD BE CONNECTED IN THE SAME MANNER TO CONNECTOR E.