



PRODUCT / PROCESS CHANGE NOTIFICATION

Notification Date: **02/18/2004**

PCN Number : **10051**

Product Identification (Including Customer P/N):

M-tron M5S Series 3.3 V PECL Oscillator Family

Detailed Description of Changes:

End of life

Reason for Changes:

Product is obsolete. Replacement products are M5R or M5RJ, both of which use newer IC technology and offer better performance.

Projected Timing of Change and Implementation Date:

Immediately - any new orders that would be for the M5S should instead be placed for the M5R or M5RJ.

Anticipated Impact on Quality and Reliability:

The newer M5R and M5RJ both have lower jitter than the M5S. In addition, the M5R and M5RJ are designed to drive a 50 ohm PECL load, while the M5S was not designed for this load.

Qualification Plan (if applicable):

N / A

Last Time Buy Date:

Any new orders for the M5S should instead be for the M5R or M5RJ.

Last Time Delivery Date and Comments (if applicable):

See above.

M-tron Engineering: _____ D. C. Olson

Date: 2/18/2004

M-tron Apps. Eng'r.: _____ *Bill Jannewein* _____

Date: 2/18/2004

M-tron Sales/Acc't. Manager: _____ Dick Thompson

Date: 2/18/2004

M-tron Operations: _____ Greg Anderson

Date: 2/18/2004

M-tron Quality Assurance: _____ JKocak

Date: 2/18/2004