



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Reason for Changes: Product is obsolete.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: <u>2/18/2004</u>
M-tron Apps. Eng'r.: _____ <i>Bill Jannewein</i> _____	Date: <u>2/18/2004</u>
M-tron Sales/Acc't. Manager: _____ Dick Thompson	Date: <u>2/18/2004</u>
M-tron Operations: _____ Greg Anderson	Date: <u>2/18/2004</u>
M-tron Quality Assurance: _____ JKocak _____	Date: <u>2/18/2004</u>