

November 1, 2007



Dear Customer:

Aeroflex Colorado Springs (Aeroflex) appreciates your interest and use of our products, specifically the 15-volt MIL-STD-1553 Bus Transceiver. The purpose of this letter is to inform you that Aeroflex is proceeding with migrating the UT63M125 and the UT63M105 MIL-STD-1553A/B Bus Transceivers (Standard Microcircuit Drawing 5962-88644), to a new wafer fabrication facility. Production devices from the new facility will begin shipping in Mid 2008. This estimate is based on a two-design pass development schedule. The new 15V-volt transceiver products are designed to be a direct replacement to the existing products currently in QML Q and V production. As a result of the wafer foundry and process change (monolithic bipolar to 0.35µm high voltage CMOS), differences in AC and DC electrical performance may be unavoidable. Aeroflex will keep you apprised of performance differences as they are identified via written notification and our website www.aeroflex.com/avionics or www.aeroflex.com/RadHard. Aeroflex will continue to offer the UT63M125 device in a 36-lead flatpack (FP) and 24- and 36-pin dual-inline package (DIP), and the UT63M105 device in a 24-lead DIP. Additionally the RadHard versions of the 15-volt transceiver and multi chip module (MCM) using the 15-volt transceiver have reached end of life (EOL), see table 1.

Die inventory is projected to last 12 to 18 months. The inventory of the remaining UT63M125 and UT63M105 bus transceivers are being offered to customers on a “first come, first serve” basis. Aeroflex plans to cease shipping product built from the old mask set once qualification of the migrated version is complete. We expect to use the same SMD numbers (5962-88644 and 5962-94663) with new device types.

Table 1. Cross Reference of the Affected Aeroflex Products

Generic Part Number	SMD Number	Device Type ¹	Old PIC#:	New PIC#:
UT63M105	5962R88644	01	P007	EOL
	5962-88644	01	P007	TBD
UT63M125	5962R88644	05	P007	EOL
	5962-88644	05	P007	TBD
UT69151-LXE15	5962-94663	07	MM018B	MM018C
	5962R94663	10	MM024A	EOL
	5962-94663	10	MM026A	MM026B
UT69151-XTE15	5962-94758	07	MM021E	MM021F

PIC = Aeroflex Product Identification Code

Note:

1. Device types do not change with the migration

If you have any questions, please contact me at (719) 594-8252 or jordan@Aeroflex.com.

Regards,

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Director of Standard Products
Aeroflex Colorado Springs