UTMC Product Advisory

UT22VP10 RADPAL

Since 1989 UTMC Microelectronic Systems (UTMC) has built an outstanding quality and reliability reputation as a supplier of semiconductors for military and aerospace applications. To maintain our high quality standards, UTMC employs an on-going product assurance program. The program includes evaluating all customer problems, concerns, and recommendations.

As a result of a recent product problem report, UTMC product engineers have identified an anomaly in a programming algorithm for the UT22VP10 RADPAL. The anomaly occurs only in the programming algorithm for the DATA I/O 3900. The anomaly results in the programmer reporting a "device over-current" condition during programming and truncation of the programming sequence. The failing programming algorithm was available for down-load via the DATA I/O's electronic bulletin board in file U22VVP10.EXE. UTMC has worked with DATA I/O engineers to resolve the problem and has released new programming algorithms for the 3900, 2900, and Uni-Site programmers. The new programming algorithms are now available on DATA I/O's electronic BBS in file UT22VP10.EXE. To program a RADPAL requires two pieces of software: remap software, and a programming algorithm. The re-map executable code and help file (i.e., remap.txt) reside at UTMC's WebSite (i.e., http://www.utmc.com) under the RADPAL. Additional documentation explaining RADPAL programming, using the re-map software, BBS phone numbers, socket part numbers, and installing software, is found in a "help" file also on the Web-Site under the RADPAL. Please download and use all three files (i.e., remap.exe, remap.txt, help.pdf) before and during the programming process.

To prevent this problem from occurring again, UTMC is performing software configuration control via request for quotes (RFQ) and purchase orders (PO). All new RFQs and POs will state the following information to insure that you use the most recent and validated software to program the RADPAL.

Product Type	DATA I/O 2900 Operating System	DATA I/O 3900 Operating System	DATA I/O UniSite Operating System	Algorithm
RADPAL	5.2	5.2	5.2	UT22VP10.EXE