

## 1.5 SOFTWARE

### 1.5.1 Diagnostic

The KT8-A uses the following diagnostic software:

<b>Program Title</b>	<b>Program Number</b>
KT8-A Memory Management Diagnostic	MAINDEC-08-DJKTA-A
Extended Address Test	MAINDEC-08-DHKMC-C
Extended Memory Data and Checkerboard Test	MAINDEC-08-DHKMA-D

DEC/X8 Monitor, Version 2, and all support modules appropriate to Version 2.

### 1.5.2 System

OS/8, Version 3D/128K, support will include greater-than-32K functions of GET, SAVE, ODT, and RUN. Version 2 of MACREL/LINKER will support greater-than-32K assemblies and linkages. RTS8, Version 3, is capable of using all available memory and supports up to 32K OS/8 background task. Existing OS/8 and assembly language programs can work with the KT8-A option installed, but will not fully utilize the KT8-A features. Programs can be written under PAL8 to make use of KT8-A extended functions. Early versions of OS/8 utilities do not support extended memory.