

ELECTRONIC CIRCUIT IMPLEMENTING COMPONENT LEVEL DISK DRIVE**ABSTRACT**

An electronic circuit apparatus is provided comprising a component disk drive (74), and an electronic circuit (76) implementing the component drive (74) for local storage as an alternative to costlier solid state memory. The electronic circuit (76) has at least one function not related to the operation of the component disk drive (74) and the electronic circuit (76) uses information stored on the component disk drive (74) to perform the non-storage related function. The preferred electronic circuit apparatus is enclosed in a PCMCIA type II or III card in which the drive (74) occupies no more than 50% of the card area, and the remaining card area is populated by electronic components including nonstorage functions.

Fig. 5.