**INITMCUHARDWARE (PORTS)**

**DELAY 50mS (DEBOUNCE)**

**POINTAT LASTTABLE ENTRY**

**GETROW/COL PATTERNFROM TABLE ANDDRIVECOLUMNS**

**NEXTTABLE ENTRY (POINTER= POINTER – 2)**

**READASCII FROMTABLE AND DISPLAYONLCD1STROWLEFT**

**DELAY 50mS (DEBOUNCE)**

**KEYTRY**

**‘ANYK’**

**NO**

**ANY KEY**

**?**

**YES**

**‘KYLOOP’**

**ROW MATCH**

**?**

**NO**

**YES**

**NO**

**END OFTABLE**

**?**

**‘FOUND’**

**YES**

**‘TILRLS’**

**YES**

**ANY KEY**

**?**

**NO**

**Figure 4-9. Keypad Checkout Flowchart**



