

**STUDY DESIGN BEGINNING TO ASCII DTMF DECODER
MICROCONTROLLER AT89C2051 (CASE STUDY TOOLS PHONE
NUMBER ON LCD VIEWER, THE SED 1200)**

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Abstract:

Viewer numbers are very commonly used in telephone on-telephone kiosks. To the authors tried to make the tool viewer phone numbers that can be used at home, in the office and anywhere.

Outstanding aircraft now mostly use the digital receiver. Digital telephone using DTMF tones to identify the phone number buttons are pressed. To read the DTMF tones required special components that can detect these tones and translate them into binary code. Binary code is then converted into ASCII coded signal by the microcontroller to display on the LCD. LCDs are used here is a cheap LCD dot matrix LCD is SED1200. Compared with other LCD LCD is relatively cheaper.

Bibliography: 8 (1993 - 2000)

