

DAC 0800 INTERFACE CARD DAC II

Introduction

The DAC interface card is designed to demonstrate the digital to analog conversion using DAC 0800 chip. The board is having 20x4 LCD, 7 Segment Displays, LED's & Slide switches. This interface card has been used to implementing real time digital to analog conversion applications. It is compatible to interface with Embedded and FPGA development boards through standard 40 pin GPIO connector.



Board Specification

- Onboard DAC 0800 chip
- 20 x 4 LCD Interface
- 7 Segment Display Interface
- SMD LED Interface
- Slide switch interface for digital input
- 40 Pin standard GPIO Interface

Chip Specification

- The DAC0800 is an 8-bit high-speed current-output digital-to-analog converter
- It can be use full $\pm 4.5V$ to $\pm 18V$ power supply range
- It is independent of the logic input state
- Interface directly with TTL, CMOS, PMOS and others
- Two quadrant wide range multiplying capability
- Low power consumption: 33 mW at $\pm 5V$

