

GOVERNMENT ENGINEERING COLLEGE, DAMAN
DEPARTMENT OF ELECTRICAL ENGINEERING
MICROPROCESSORS & MICROCONTROLLERS LABORATORY

NVIS 5001A 8051 UNIVERSAL DEVELOPMENT PLATFORM



Basic Details: -

Communication : USB

Programming Mode : PC Mode /Hex Keypad Mode

MCU : 8051 Core

Crystal Frequency : 11.0592 MHz

DC Power Supplies : +12V, -12V, +5V & - 5V

Programmer : Ready to run programmer will program 8051 Devices

Interconnection for modules : 2 mm patch cords and FRC cables

Product Tutorial : Online (Theory, procedure, reference results etc).

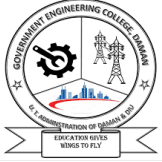
Dimensions (mm) : W 326 x D 252 x H 52

Power Supply : 110V - 260V AC, 50/60Hz

Weight : 1.5K (approximately)

Operating Conditions : 0-40°C, 85% RH

Included Accessories : USB cable, Mains cord, Patch cords, 20 Pin FRC cable, TechBook
Power Supply



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NVIS TECHNOLOGIES ADC/DAC MODULE



Basic Details: -

ADC : ADC 0808

DAC : DAC 0808

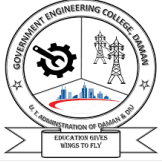
ADC Input and Reference : 0-5V DC (Variable)

Power Supply : From NV500X series Microcontroller Development Board

Interface : 20 Pin FRC cable

Dimension (mm) : W255 × D155 × H80

Weight : 550 gm (Approximately)Nvis Technologies ADC/DAC module



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MC05 MOTOR DRIVE MODULE



Basic Details: -

Stepper Motor : +5V DC

DC Motor : +12V DC

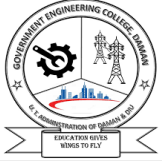
Servo Motor : +5V DC

Power Supply : From NV500X series Microcontroller Development Platform

Interface : 20 pin FRC Cable & Patch Cords

Dimension (mm) : W 255 X D 155 X H 80

Weight : 660 gm. (Approx.)



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MC10 DISPLAY AND SWITCHES MODULE



Basic Details: -

Relay : SPDT 0-5V

Buzzer : 0-5V (Piezo electric buzzer)

Switches : DIP Switch (8-Switches)

Display : 16 x 2 LCD

Seven Segment Display : Four

Keypad : 4 x 4 Matrix Keypad

Power Supply : From NV500X series Microcontroller Development Platform

Interface : 20 Pin FRC Cable

Dimension (mm) : W255 x D155 x H80

Weight : 280 gm (approx.)