DIGITAL TRANSFORMATION TECHNOLOGY FOR A DIGITAL TRAMSFORMATION AGE

DEVCC 28

The DEVCC 28 is a development platform for the 28 PIN Packages. The platform has a number of extensible features which enable the user to develop a feature rich system.

The development PCB is configured so that there is compatibility with other members in the family of development PCBs, without sacrificing PIN accessibility. There is a standard PIN out across the range. This standard configuration means that the code developed on the DEV-V28 can be migrated to the following

- DEVCC V18
- DEVCC V20
- DEVCC V40

The standard layout supports an interchangeable shield as an accessory, which clips into the PCB.

Specification		Description
Device	User defined	28 PIN dip package 16F | 18F devices
	Oscillator	Ceramic oscillator, 8 MHZ
PSU	3v3 | 5v0	Dual power supply, selectable by jumper
	DC	DC Jack, 2.1 MM
	Polarity Protection	1N4007 diode, provides reverse polarity protection
Programming	ICSP	Standard ICSP Header, 5 PIN for microchip devices
	Bootloader	Firmware included enabling the device to be reprogrammed over a serial connection.
I / O	PORTS A, B, C	All I/O tracked to headers that enable easy access to the devices I/O
Communication	ICSP Header	Programming interface
	MikroProg	MikroProg programming header
	USB UART	MCP2200 enabling USB to UART communication with the PIC. The device is USB powered capable.
Extras	Power Led, Reset switch	

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