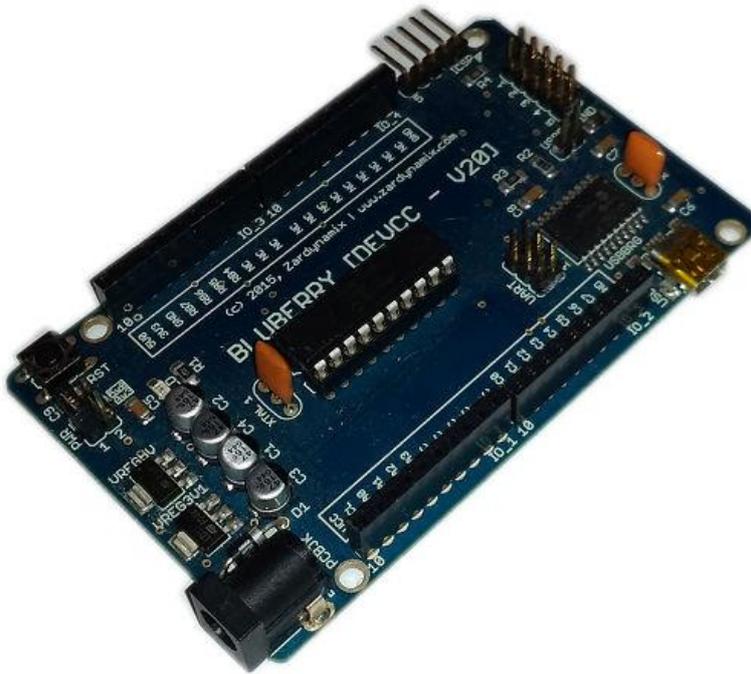**DIGITAL TRANSFORMATION TECHNOLOGY FOR A DIGITAL TRAMSFORMATION AGE**

DEVCC 20

The DEVCC 20 is a development platform for the 20 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-V0 can be migrated to the following

- DEVCC V18
- DEVCC V28 [BlueBerry]
- DEVCC 40

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

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Specification		Description
Device	User defined	Dip package pic in either 8, 14 or 20
	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	