EVM002 DICE Evaluation Board
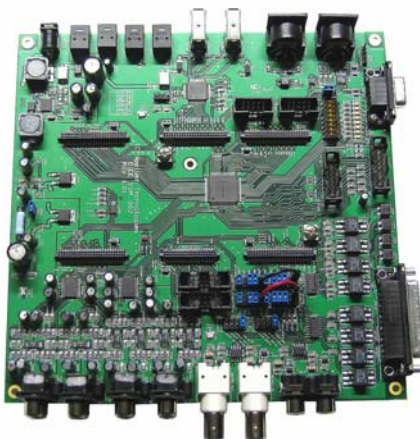

The EVM002 DICE Evaluation board provides an easy to use evaluation and development platform for DICE Jr, DICE Mini and DICE II. By using detachable modules, or "microboards," for DICE Jr, DICE Mini or DICE II, engineers can evaluate the performance of the entire DICE family of devices and develop full firmware applications.

Each DICE microboard option includes a DICE chip, RAM, flash memory and a JTAG port, allowing them to independently swap out while keeping their firmware and serialization.

Interfaces

- (2) 6-pin 1394 ports
- AES3, SPDIF, dual-ADAT
- (4) channels of analog input and output
- Word-sync
- MIDI in/out
- (2) RS232 ports
- (1) 8 bit preset DIP switch
- (8) LED's
- (2) data ports for controls
- DSP port for riser card

Flexible audio configuration

A jumper set allows flexible routing between DICE microboards and mainboard audio interfaces

Hardware User Interface Prototyping

Add-on cards for User Interface prototyping are also available. These include a standard LCD module interface and a UI board including (2) 7-segment LED's, (4) switches, (1) rotary coder, and (36) LED's with 4 columns of 8 in VU configurations.

Firmware support is built-in for these optional interface boards.

Complete Development Solution

The EVM is part of a complete hardware, firmware, host GUI and drivers solution. Data sheets and design files available: http://www.tctechnologies.tc/support/design.html

Contact TCAT for access to drivers, firmware and host software development sources