

# EVC

## EMBEDDED VIDEO CONTROLLER DEVELOPMENT BOARD

### SOFTWARE FEATURE LIST

- ACCELERATED PRIMITIVE DRAWING
  - PIXELS
  - LINE
  - RECTANGLE
  - CIRCLE, ELLIPSE
  - ARC
  - TRIANGLE
- FILLED VARIANTS OF PRIMITIVES
- LINEAR COLOR MAPPING
  - 2 POINT AT LINES
  - 3 POINT AT TRIANGLES
  - 4 POINT AT RECTANGLES
- OFF-SCREEN MEMORY / BUFFER
- BLOCK OPERATIONS
  - BITMAP UPLOAD / DOWNLOAD
  - BITMAP COPY / FILL / REPEAT
  - CHARACTER RENDERING WITH ALPHA CHANNEL
  - VIRTUAL TEXT MODE (TERMINAL EMULATORS)
- RENDERING MASKS
  - FOR OVERLAPPING WINDOWS
- HARDWARE CURSOR / POINTER