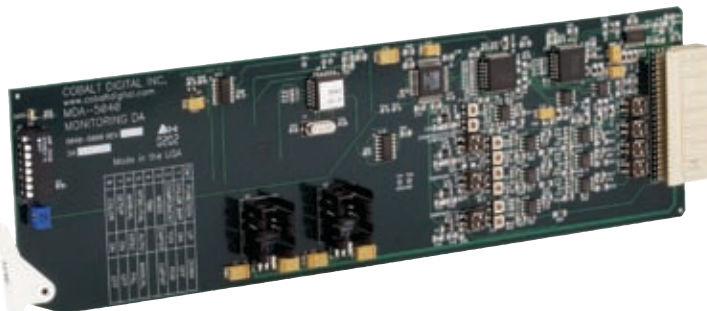


5040

Monitoring Converter - SDI to Analog Composite, Y/C and Component Video plus Reclocked SDI

The 5040 is a legacy* digital frame compatible card that provides SDI video to analog composite, Y/C and component (YPbPr/RGB) conversion and reclocked serial digital video output. It allows the end user to select the analog or digital output configuration as needed for a given application. The analog output gain control and card configuration switch is adjustable from the card edge while the card is mounted in the frame. Visit www.cobaltdigital.com for complete product information.

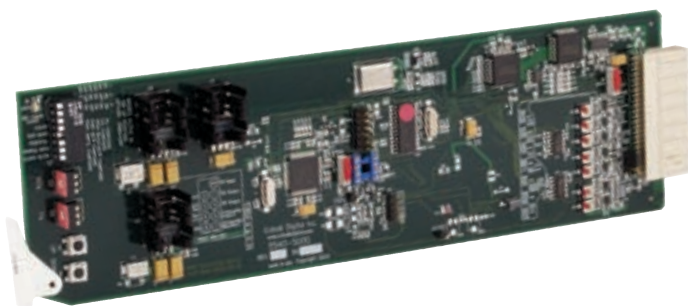


Features

- SDI SMPTE 259M-C to analog composite, component or Y/C
- Two dedicated SDI reclocked outputs
- Two dedicated composite analog outputs
- Four user selectable digital or analog outputs
- 8-bit processing, 10-bit DAC
- 0-5 MHz +/- 0.25 dB
- Automatic configuration NTSC/PAL
- Input signal presence indicator
- Built-in color bar generator (analog outputs only)
- Video gain control accessible on card edge
- Five year warranty

5540

D/A 10-bit SDI to Analog Composite, Y/C and Component



The 5540 is a full-featured, legacy* digital frame compliant high-quality 10-bit SDI SMPTE 259M-C to analog composite, Y/C and component YPbPr and RGB. The 10-bit encoding engine over samples 4:2:2 to 4:4:4 for internal processing and then 4x over samples the outputs to 16:16:16 for improved signal performance. An internal VCXO with de-jitter loop filter to 2Hz reduces digital jitter prior to encoding, improving burst stability on composite and Y/C signals. A reference circuit, color frames the 5540 for timed environments with full user digital proc. control. Visit www.cobaltdigital.com for complete product information.

Features

- High quality 10-bit digital to analog conversion
- Four user configurable analog outputs: composite, component, (YPbPr & RGB) and Y/C outputs
- Supports component BetaCam™, MIITM and SMPTE/N10
- Encoding to 16:16:16 over sampled outputs
- 10-bit digital video path
- Internal de-jitter filter to 2Hz
- Reclocked SDI outputs
- Internal color bar generator
- User configuration switches on board edge
- User proc. configuration control of video levels
- DNR and gamma control
- Five year warranty

*Ross 8110 frames, Leitch 6800™ series cards and equivalents.