

FlexMedia™ A Series

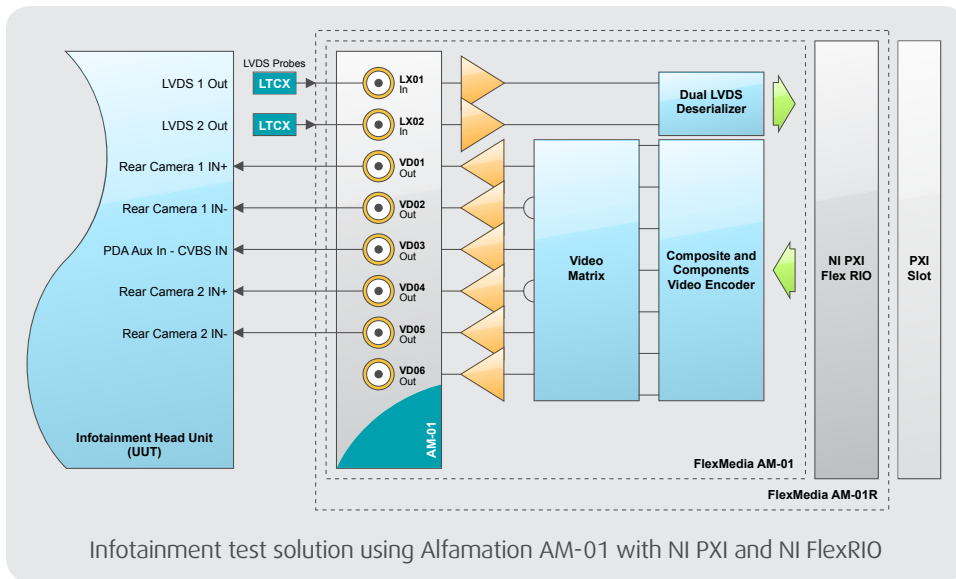
A Comprehensive Solution for Infotainment Systems Test

Alfamation offers a range of automotive infotainment test solutions designed to reduce system costs and space needs without compromising performance and signal integrity. Using industry-standard LabVIEW™ development systems and PXI/PXIe hardware, FlexMedia A infotainment test solutions include radio, telematics, and associated audio and video peripherals.

Features and Benefits

- Dual LVDS video analyzer and analog video generator
- Inherently parallel execution
- Single slot solution based on NI Flex-RIO
- Communication interfaces and I²S analyzer options
- LTCX probing for superior LVDS signal integrity
- NI LabVIEW™ libraries for ease of integration

RESOURCES	FLEXMEDIA AM-01	FLEXMEDIA AM-02	FLEXMEDIA AM-03	NOTES
LTCX VIDEO INPUT CHANNELS	2	2	2	LVDS Video Image Snap, Real-time Video Capture & Compare
VIDEO COLORS	18	18	18	Total payload = 24 Bit
VIDEO CLOCK	5 to 43 MHz	5 to 43 MHz	5 to 43 MHz	Max. 1 Gb/s per channel
MULTISTANDARD ANALOG VIDEO GENERATOR	PAL & NTSC CVBS, RGB, YC, YPbPr	PAL & NTSC CVBS, RGB, YC, YPbPr	PAL & NTSC CVBS, RGB, YC, YPbPr	
VIDEO OUT MATRIX	75 Ω Coax (6 out) or 120 Ω differential (2+2 out)	75 Ω Coax (6 out) or 120 Ω differential (2+2 out)	75 Ω Coax (6 out) or 120 Ω differential (2+2 out)	Differential out available for dual CVBS or single Y/C
I ² S DIGITAL AUDIO		Dual Tx or Rx	Single Tx or Rx	Up to 192 KHz @ Max. 64-bit word length
CAN			Master/Slave CAN 2.0a/b	Software selectable, HS/LS/SW, max. 1 Mb/s
LIN		Dual Channel Master/Slave/Monitor	Single Channel Master/Slave/Monitor	Up to 20 KHz
K-LINE		Dual Channel Master/Slave/Monitor	Single Channel Master/Slave/Monitor	Up to 200 KHz
I ² C		Dual Channel Master/Slave/Monitor	Single Channel Master/Slave/Monitor	Up to 400 KHz
SPI		Dual Channel Master/Slave	Single Channel Master/Slave	Clock up to 20 MHz



Learn more about
LTCX Probes for
FlexMedia products at
alfamationglobal.com