

MPEG-1 SINGLE-CHIP AUDIO/VIDEO/CD-ROM DECODER**BRIEF DATA**

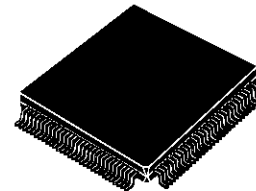
- SINGLE CHIP COMBINING CD-ROM ECC DECODER, MPEG VIDEO DECODER AND MPEG AUDIO DECODER
- ENABLES CONSTRUCTION OF SYSTEMS COMPATIBLE WITH VIDEO PM CD 2.0, CD-I AND MICROSOFT MPEG COMMAND SET FOR MCI
- VIDEO DECODER FULLY SUPPORTS MPEG-1 STANDARD (TYPICALLY SIF-RESOLUTION) IN REAL TIME
- AUDIO DECODER FULLY SUPPORTS LAYERS 1 & 2 OF MPEG-1
- CD-ROM DECODER FULLY SUPPORTS MODES 1 & 2, FORMS 1 & 2, PLUS 4X SPEED
- SUPPORT FOR A SINGLE STANDARD 4-MBIT DRAM, -80 OR FASTER
- SUPPORTS SUSTAINED COMPRESSED DATA RATES OF 1.2 TO 6 MBITS PER SECOND
- ALL POPULAR PCM AUDIO OUTPUT FORMATS SUPPORTED
- HORIZONTAL AND VERTICAL LUMA AND CHROMA FILTERING
- TV AND VGA DISPLAY MODES
- WINDOWING SUPPORT
- AUTOMATIC VIDEO AND AUDIO ERROR CONCEALMENT
- ON CHIP PLL WITH PROGRAMMABLE DIVIDERS FOR SYSTEM CLOCK GENERATION
- STANDARD 8-BIT INTERFACE FOR HOST MICROCONTROLLER
- 16-BIT COMPRESSED DATA INPUT FOR PC APPLICATIONS
- 3.3V POWER SUPPLY, 5V I/O COMPLIANT
- 0.5 μ M CMOS TECHNOLOGY
- PQFP120 PIN PACKAGE

APPLICATIONS

VIDEO CD
PC MULTIMEDIA
CD KARAOKE

DESCRIPTION

The STi3430 is a single chip CD-ROM/MPEG decoder IC intended to be used in Karaoke CD, Video CD and PC Multimedia applications.



PQFP120
(Plastic Quad Flat Pack)

ORDER CODE : STi3430