Ordering number : ENN*8046

Preliminary

SANYO Semiconductors
DATA SHEET

LA7605M — Monolithic Linear IC Video Signal Processor

Overview

The LA7605M is a flat panel display color TV signal-processing I^2C bus controller IC that supports all the broadcast standards used worldwide.

Features

- VIF/SIF bloc
  Adjustment-free VCO, 4-mode audio trap/audio bandpass filter, buzz canceller
  RF AGC/video level
- Single crystal color system : PAL and NTSC
- Black stretch, sharpness control with coring on/off control, built-in variable Y system filters (Y-DL and chrominance trap)
- Chrominance bandpass filter, demodulation ratio/angle control, support for CbCr input
- VS, HS, and BGP outputs, C-sync output, FSC output
- Dynamic contrast control
- VIF, SIF, video, and sync separator circuits with superlative weak field and nonstandard signal characteristics
- Adjustment-free VIF/SIF, audio trap, and audio bandpass filters
- Horizontal resonator-less adjustment-free system
- Supply voltage : V_{CC} = 5V

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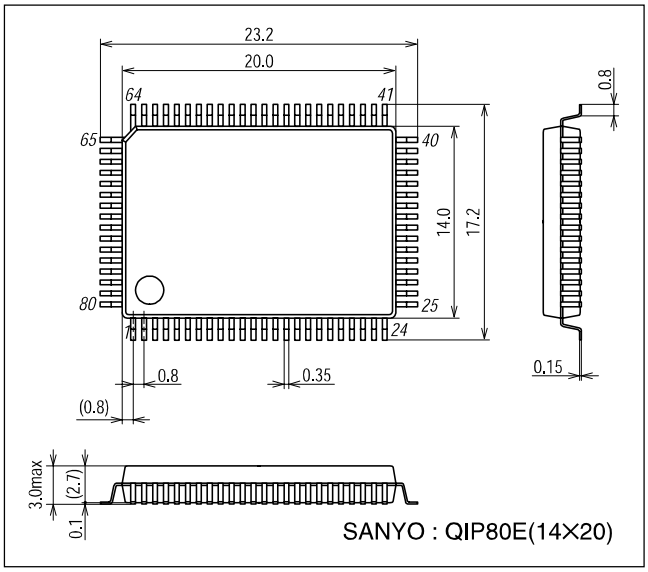
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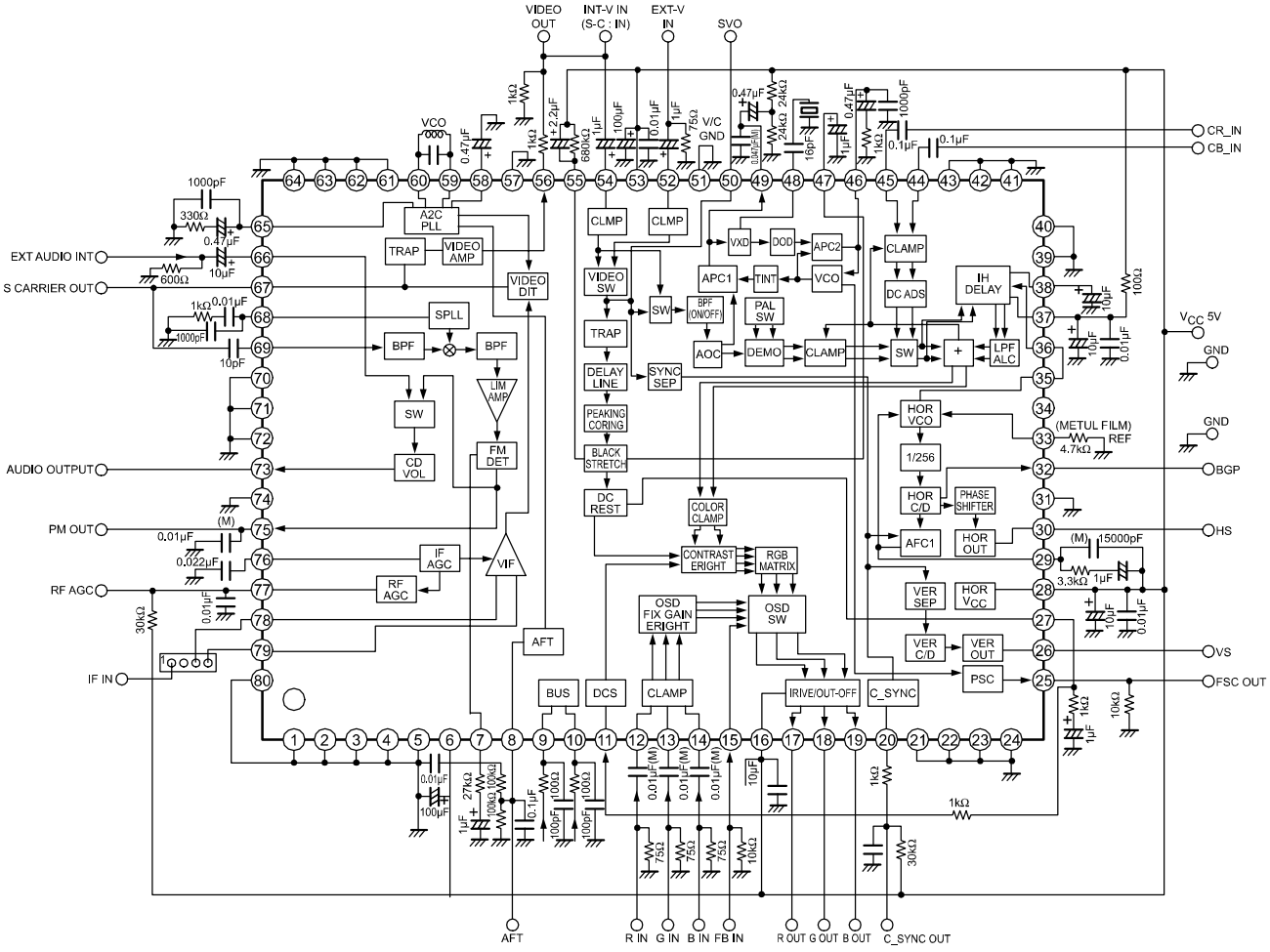
Package Dimensions

unit : mm

3174A



Block Diagram



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