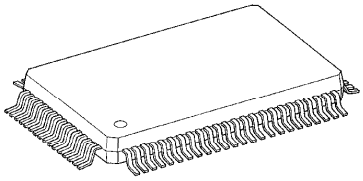
TENTATIVE TOSHIBA BIPOLAR LINEAR INTEGRATED CIRCUIT SILICON MONOLITHIC

TC9097F

TIME-COMPRESSION LSI FOR WIDE TV

The TC9097F is a time-compressing LSI for displaying a decoded picture of a 4 : 3 aspect ratio NTSC / PAL broadcast on a 16 : 9 aspect ratio TV screen.



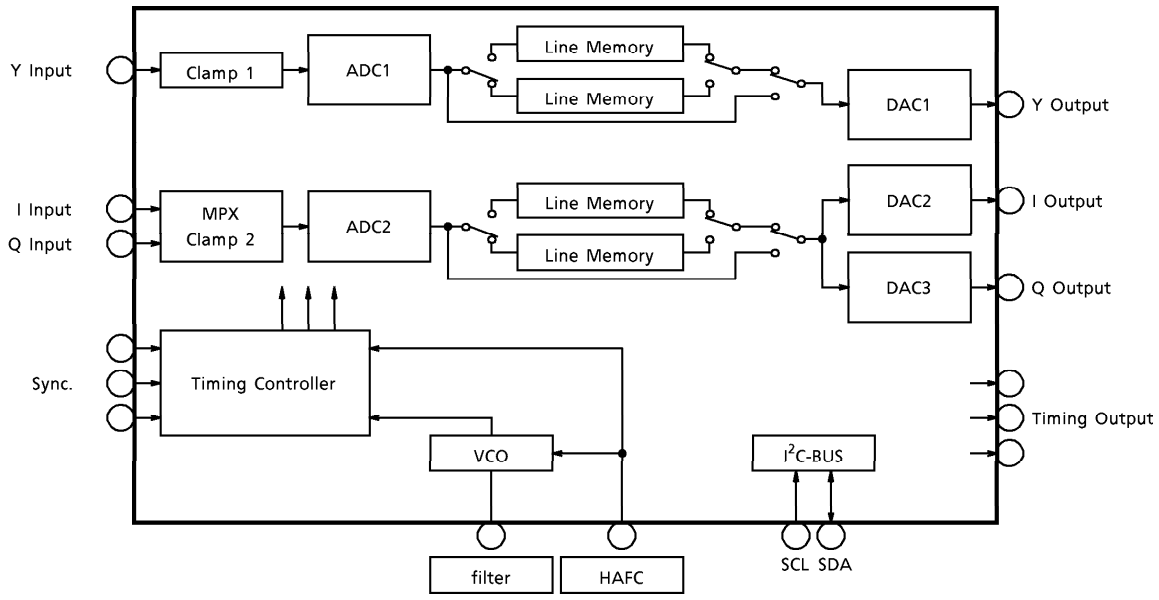
QFP80-P-1420-0.80A

Weight : 1.6g (Typ.)

FEATURES

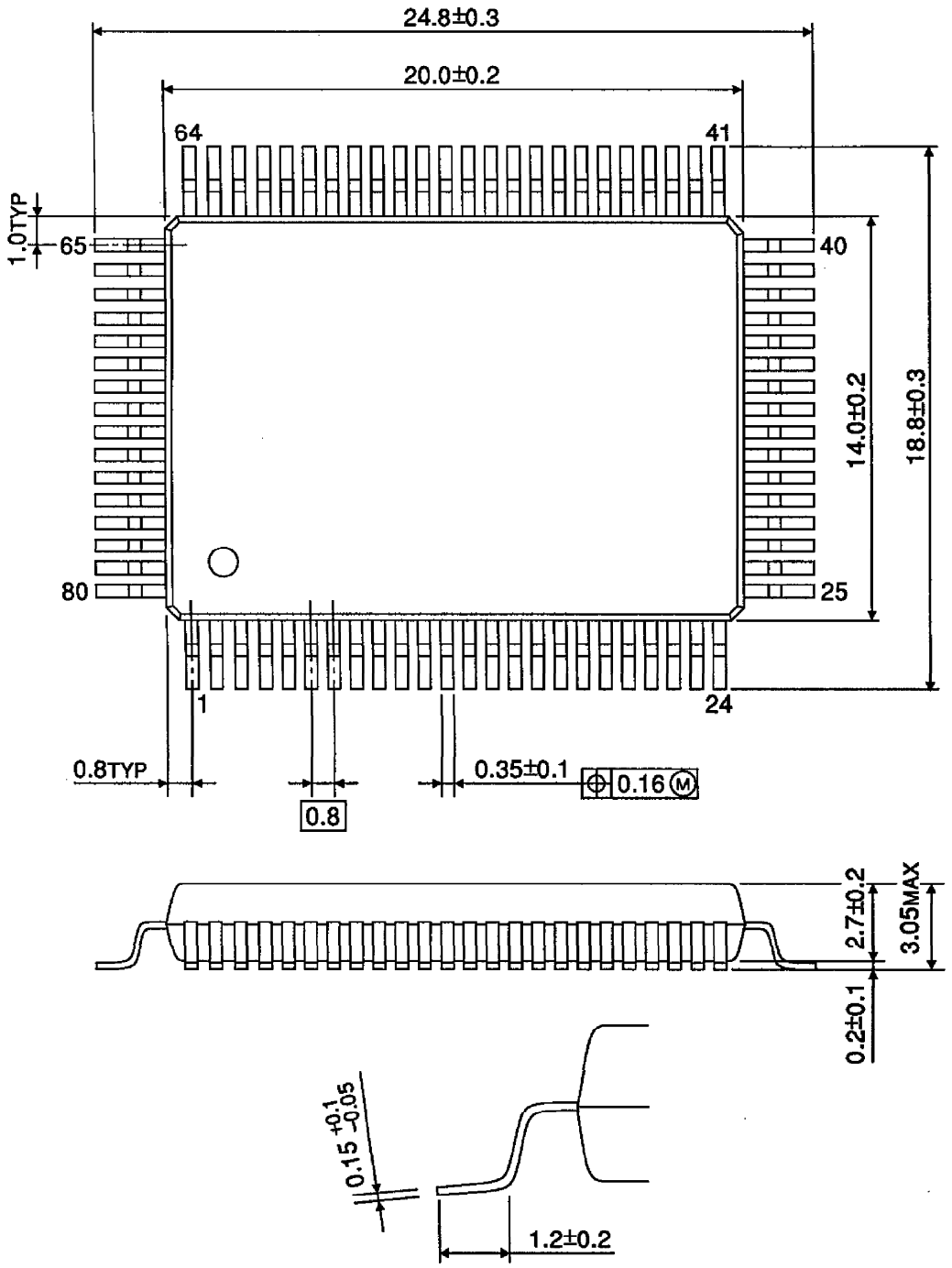
- Has 3 mode : mode for 1 / 2 and 3 / 4 time-compression of picture only of the luma and chroma signals, and no-compression mode
- When using 1 / 2 and 3 / 4 compression processing it performs side-panel addition
- Internal A / D's have resolution of 8bits for Y Input, I Input and Q Input
- Internal D / A's have resolution of 8bits for Y Output I Output and Q Output
- Build in 1368fH VCO
- I^2C bus control
- 5V single power supply

BLOCK DIAGRAM



PACKAGE DIMENSIONS

QFP80-P-1420-0.80A Unit : mm



Weight : 1.6g (Typ.)

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