

TOSHIBA BIPOLAR LINEAR INTEGRATED CIRCUIT SILICON MONOLITHIC

TA1268N**I²C BUS CONTROL NTSC 1CHIP COLOR TV IC**

TA1268N provides PIF, SIF, Video, Chroma and Deflection circuit for NTSC Color TV. TA1268N also provides Audio-Video Switch and Text interface. TA1268N combine these functions in a 56pin dual-in-line shrink-type plastic package.

TA1268N realizes rationalization of various alignments and controls by bus control system.

FEATURES**PIF Circuit**

- PLL Type IF Demodulation (Bus alignment)
- Adjustment Free AFT without Tank Coil
- RF AGC Output (Delay point : Bus alignment)
- Dual Time Constant Fast AGC

Video Circuit

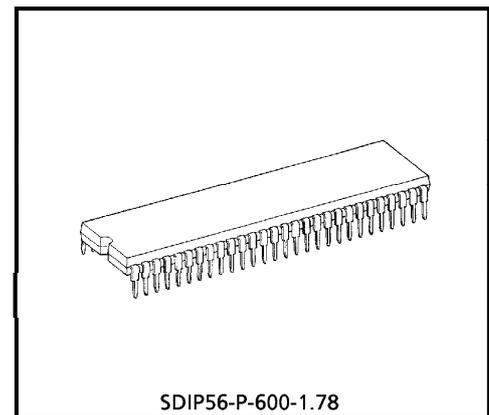
- Black Stretcher
- DC Restoration Circuit
- D.L. Aperture Compensate Circuit (Bus Control)
- Internal Filter Auto-adjust Circuit (Fsc link type)
- Uni-color Circuit (Bus control)
- 3.58MHz Trap Filter Circuit (Bus on / off)
- Y Delay Line Circuit

Chroma Circuit

- Color Control Circuit (Bus control)
- Tint Control Circuit (Bus control)
- B.P.F./T.O.F. Circuit (Bus select)
- Included ACC/Killer Filter

SIF Circuit

- Inter Carrier SIF System



Weight : 5.55g (Typ.)

TEXT Circuit

- Linear RGB Input
- Cut Off / Drive Adjustment (Bus adjustment)
- RGB Primary Color Output

Deflection Circuit

- Auto-slicer Type High Performance Sync. Separation Circuit
- Adjustment Free Countdown System
- Sync. Separation Output
- X-ray Protect Circuit
- Vertical Ramp Output
- Dual Time Constant AFC Circuit
- Horizontal and Vertical Position Adjustment (Bus adjustment)
- Vertical Amplitude Adjustment

