

BIPOLAR ANALOG INTEGRATED CIRCUIT

μ PC1397C

ANALOG INTERFACE CIRCUIT FOR TELETEXT SYSTEM

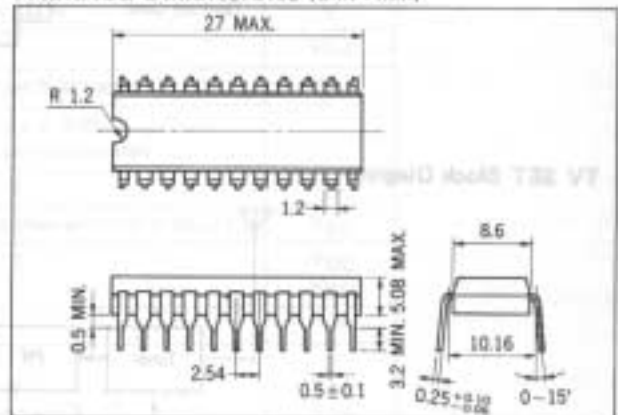
The μ PC1397C is a monolithic integrated circuit for the interface stage between the external analog signals and chroma stage. This IC is packaged in 22 pins dual in package. This is most suitable interface IC for view data and CRT display application because of clamping circuit built in R, G and B circuit separately and excellent switching characteristics of video/data switch-circuit. Contrast function can control both of video signal and data signal, and brightness function also can do it. White peak level can set by external voltage applied to pin 15.

FEATURES

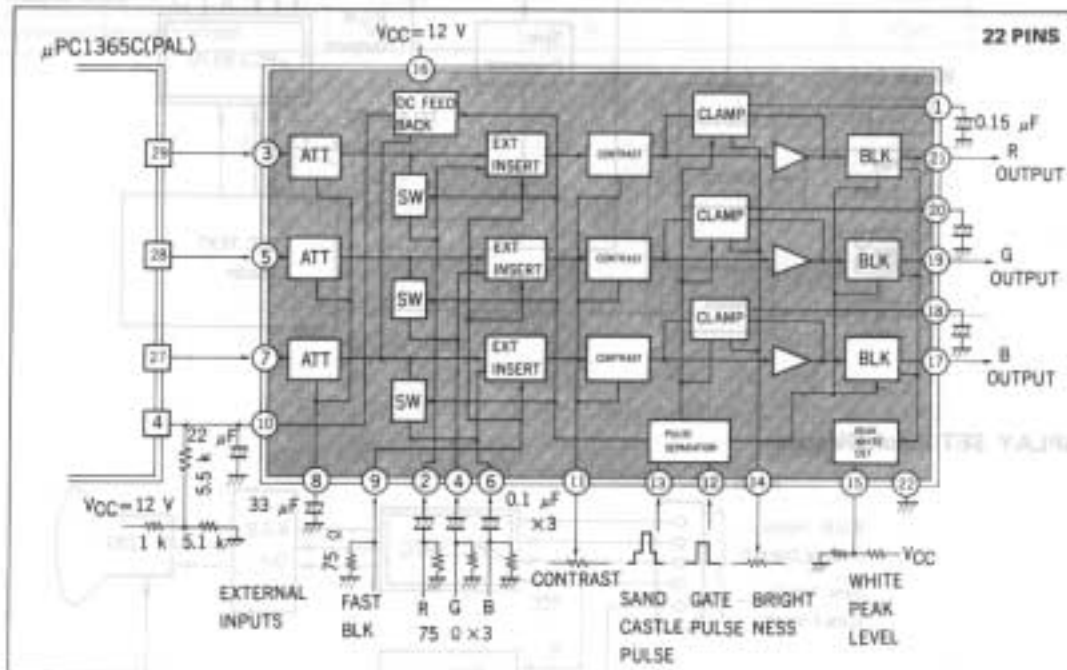
- External analog inputs are acceptable as well as digital.
- High data switching speed.

	R,G,B	Blanking	
The rise time	35	35	ns
The fall time	35	35	ns
The delay time	20	20	ns
- Contrast and Brightness can be controlled commonly on TV and external signals.
- Can be connected directly to R,G,B, output TV-signals of any IC's.

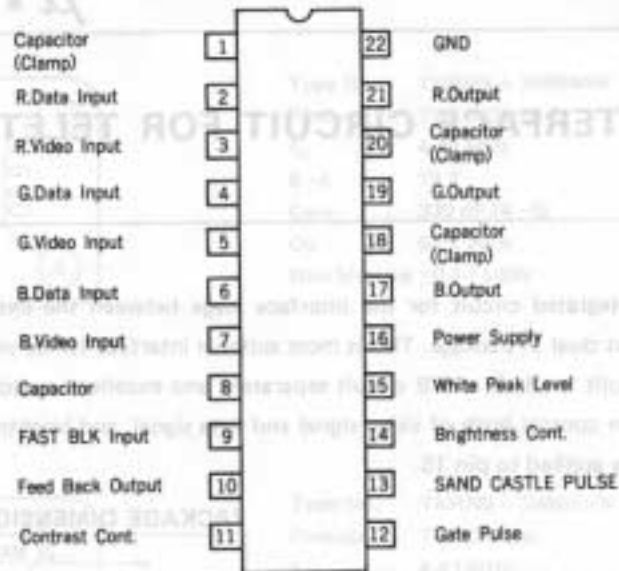
PACKAGE DIMENSIONS (Unit : mm)



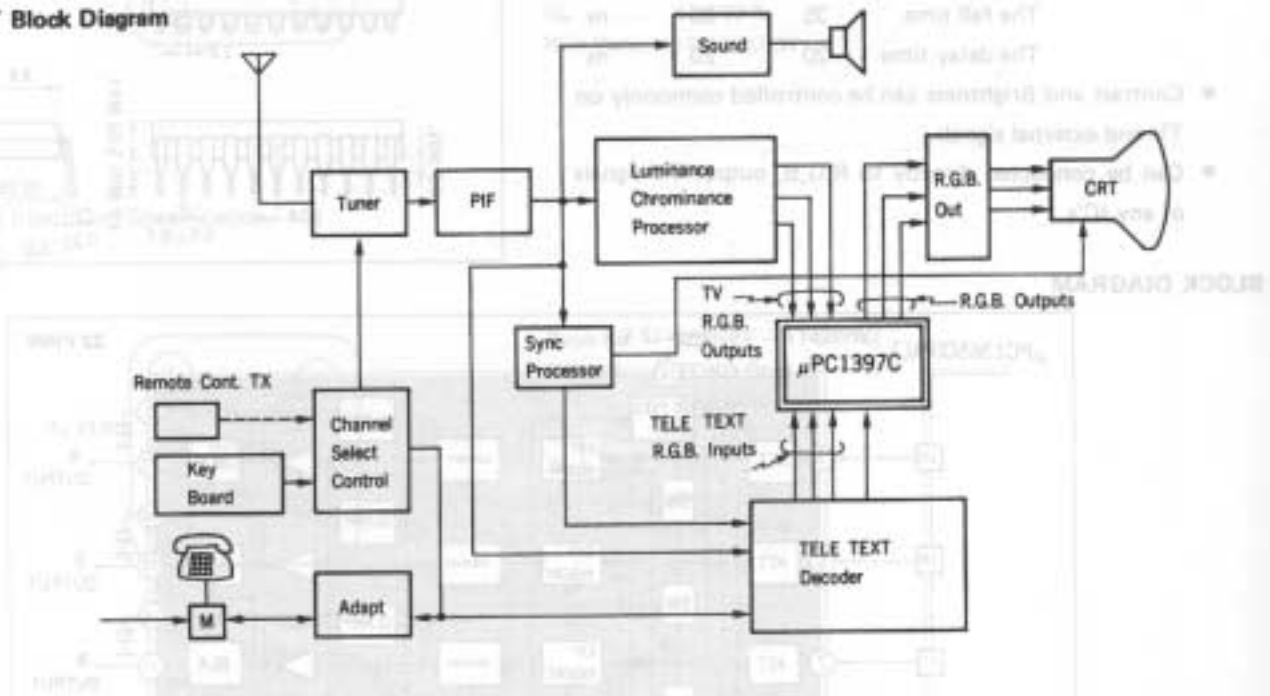
BLOCK DIAGRAM



PIN CONNECTION DIAGRAM (22 Pin Dual In Line Package)



1 TV SET Block Diagram



2 CRT DISPLAY SET Block Diagram

