

# MC13283

## Product Preview

# 130 MHz Video Processor with OSD Interface

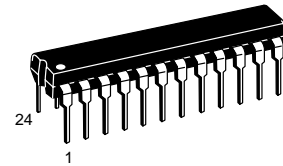
The MC13283 is a three channel wideband amplifier designed for use as a video pre-amp in high resolution RGB color monitors.

### Features:

- 4.0 Vpp Output with 130 MHz Bandwidth
- 2.6 ns Rise and 3.2 ns Fall Time
- Subcontrast Control for Each Channel
- Blanking and Clamping Inputs
- Contrast Control
- OSD Interface with 85 MHz Bandwidth
- OSD Contrast Control
- Package: NDIP-24

## 130 MHz VIDEO PROCESSOR WITH OSD INTERFACE

### SEMICONDUCTOR TECHNICAL DATA

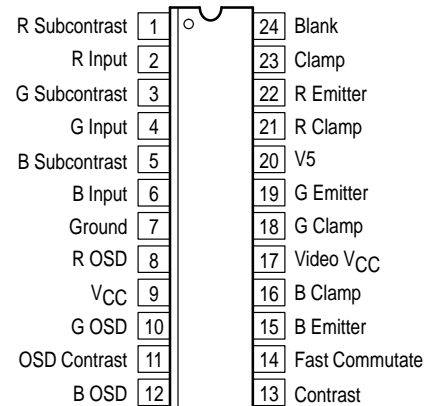


**P SUFFIX**  
 PLASTIC PACKAGE  
 CASE 724  
 (NDIP-24)

### ORDERING INFORMATION

Device	Operating Temperature Range	Package
MC13283P	$T_A = 0^\circ$ to $+70^\circ\text{C}$	Plastic DIP

### PIN CONNECTIONS

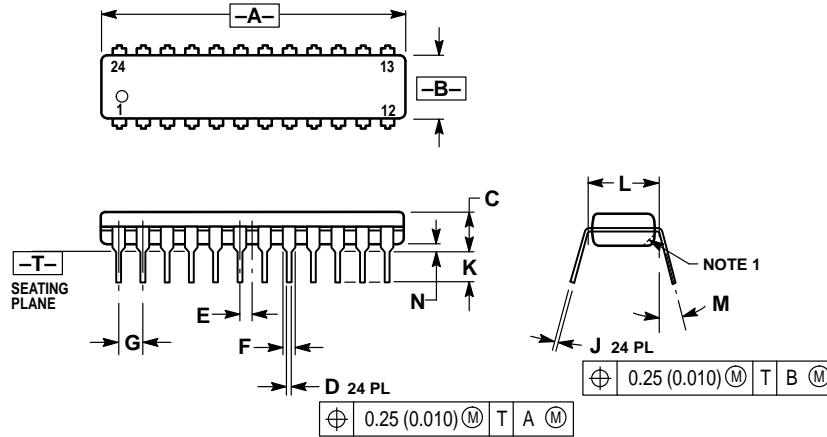


(Top View)

# MC13283

## OUTLINE DIMENSIONS

**P SUFFIX**  
**PLASTIC PACKAGE**  
**CASE 724-03**  
**(NDIP-24)**  
**ISSUE D**



**NOTES:**

1. CHAMFERED CONTOUR OPTIONAL.
2. DIMENSION L TO CENTER OF LEADS WHEN FORMED PARALLEL.
3. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
4. CONTROLLING DIMENSION: INCH.

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	1.230	1.265	31.25	32.13
B	0.250	0.270	6.35	6.85
C	0.145	0.175	3.69	4.44
D	0.015	0.020	0.38	0.51
E	0.050 BSC		1.27 BSC	
F	0.040	0.060	1.02	1.52
G	0.100 BSC		2.54 BSC	
J	0.007	0.012	0.18	0.30
K	0.110	0.140	2.80	3.55
L	0.300 BSC		7.62 BSC	
M	0° - 15°		0° - 15°	
N	0.020	0.040	0.51	1.01

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MC13283/D

