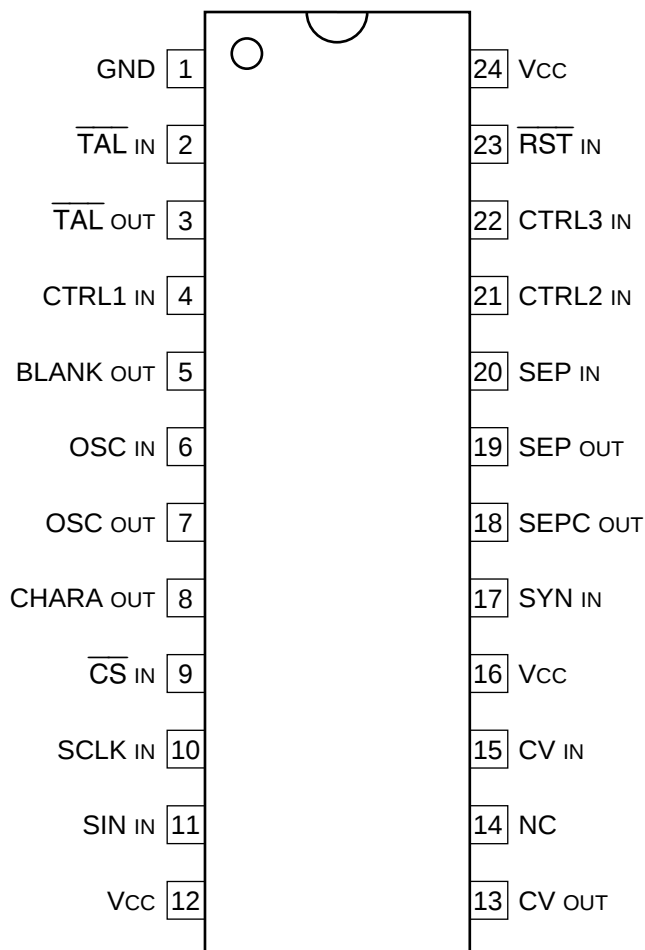


ON SCREEN DISPLAY CONTROLLER

—TOP VIEW—

**INPUTS**

$\overline{\text{CS}}$: CHIP ENABLE
 CTRL1 : OSCILLATION SELECT
 CTRL2 : NTSC/PAL-M SELECT
 CTRL3 : V SYNC INPUT SELECT
 CV : COMPOSITE VIDEO
 OSC : LC OSCILLATOR
 $\overline{\text{RST}}$: SYSTEM RESET
 SCLK : SERIAL CLOCK
 SEP : V SYNC
 SIN : SERIAL DATA
 SYN : SYNC SEP VIDEO
 $\overline{\text{TAL}}$: CRYSTAL OSCILLATOR

OUTPUTS

BLANK : BLANK
 CV : COMPOSITE VIDEO
 OSC : LC OSCILLATOR
 CHARA : CHARACTER
 SEP : SEPARATED COMPOSITE SYNC
 SEPC : SYNC SEP BIAS MONITOR
 $\overline{\text{TAL}}$: CRYSTAL OSCILLATOR

