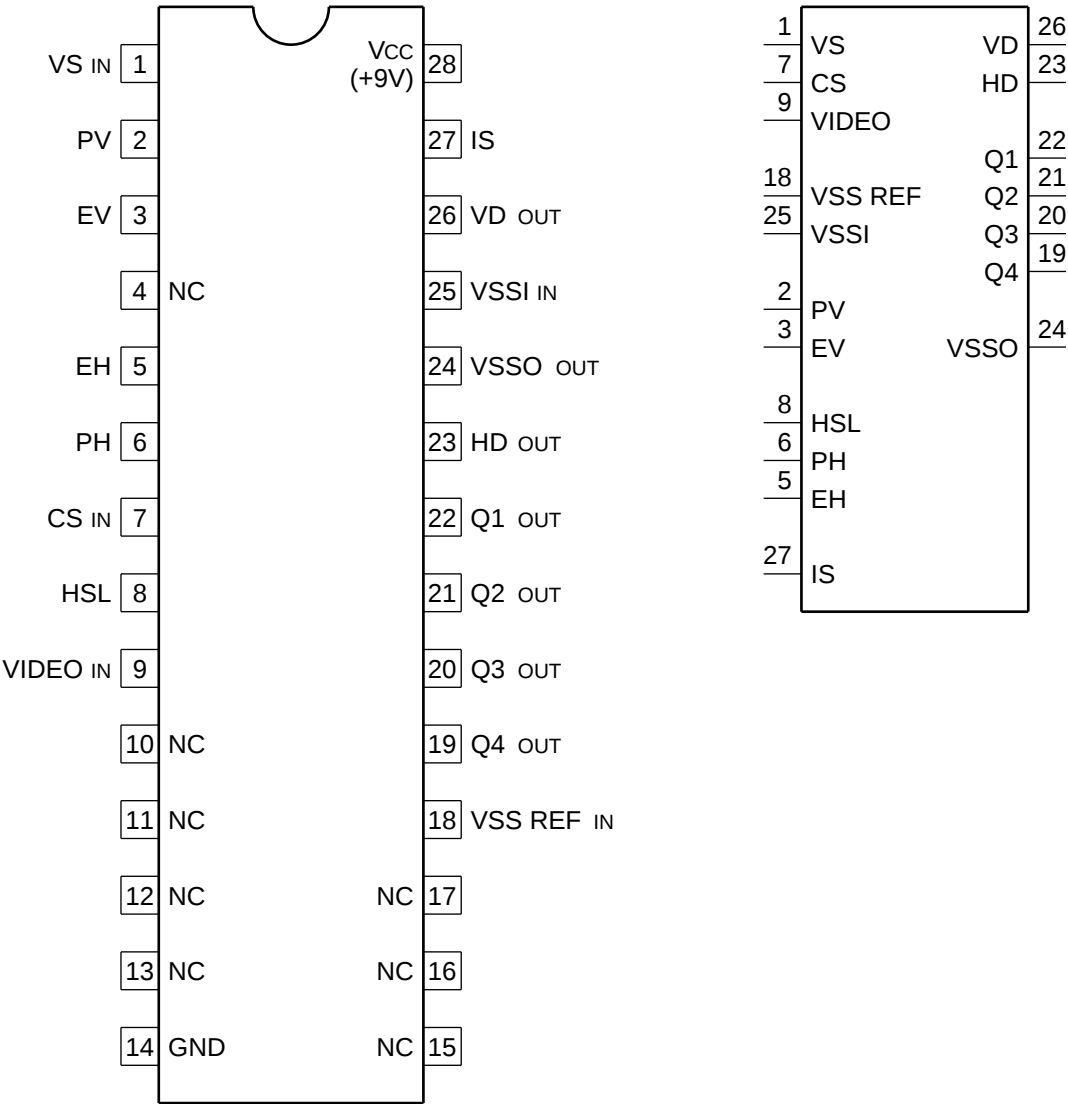

CXA1365S (1/2)
IL08

SYNC DISCRIMINATOR FOR CRT DISPLAY
- TOP VIEW -



VSS REF; REFERENCE VOLTAGE (FOR V SYNC SEPARATOR)

CXA1365S (2/2)

INPUT

CS ; COMPOSITE SYNC, H SEPARATE SYNC
 VIDEO ; SYNC ON VIDEO
 VS ; V SEPARATE SYNC
 VSS REF; REFERENCE VOLTAGE (FOR V SYNC SEPARATOR)
 VSSI ; INTEGRATOR VOLTAGE (COMPOSITE SYNC)

OUTPUT

HD ; H DRIVE PULSE
 Q1-Q4 ; SYNC SIGNAL POLARITY
 VD ; V DRIVE PULSE
 VSSO ; COMPOSITE SYNC OR SEPARATE SYNC

OTHER

EH ; CONNECTED TO QUASI PEAK HOLD CIRCUIT
 EV ; CONNECTED TO CAPACITOR
 HSL ; CONNECTED TO CAPACITOR
 IS ; REFERENCE VOLTAGE
 PH ; CONNECTED TO CAPACITOR (FOR POLARITY CHECK)
 PV ; CONNECTED TO CAPACITOR (FOR POLARITY CHECK)

