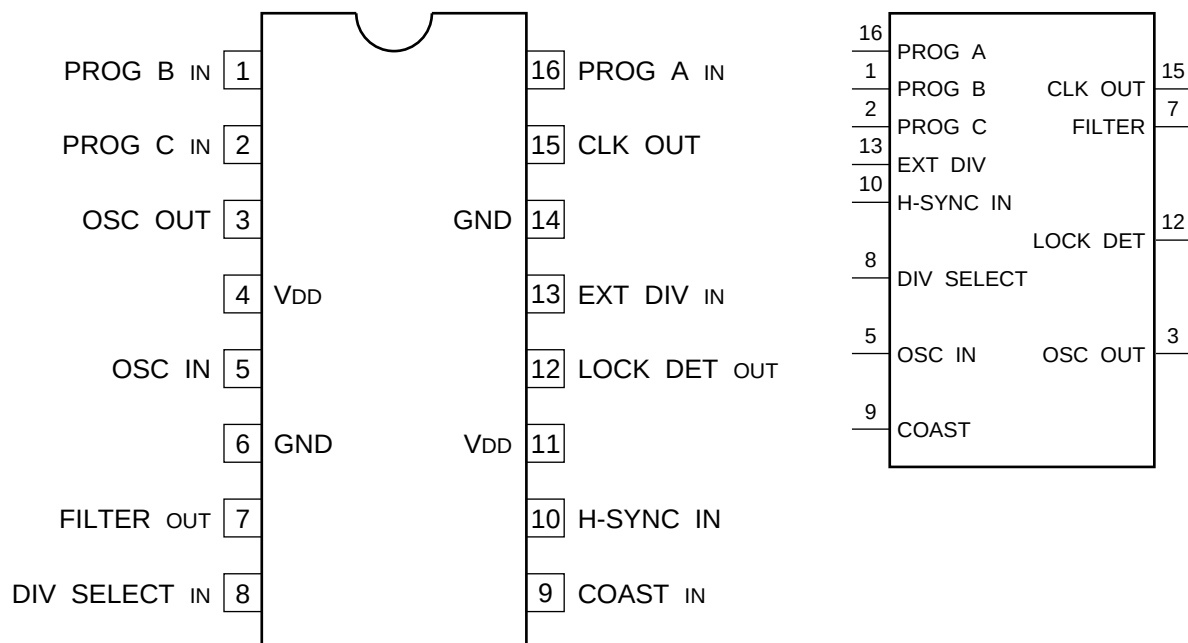


C-MOS HORIZONTAL GENLOCK

—TOP VIEW—

**INPUT**

COAST ; TRIPPLE-STATE LOGIC
 DIV SELECT ; DIVIDE SELECT
 EXT DIV ; EXTERNAL DIVIDE
 H-SYNC IN ; HORIZONTAL SYNC PULSE
 OSC IN ; INPUT FROM EXTERNAL VCO
 PROG A, B, C ; DIGITAL INPUTS TO SELECT ÷ N VALUE

OUTPUT

CLK OUT ; BUFFERED OUTPUT OF THE VCO
 FILTER ; CHARGE PUMP
 LOCK DET ; LOCK DETECT
 OSC OUT ; OUTPUT OF INTERNAL INVERTER/OSCILLATOR

