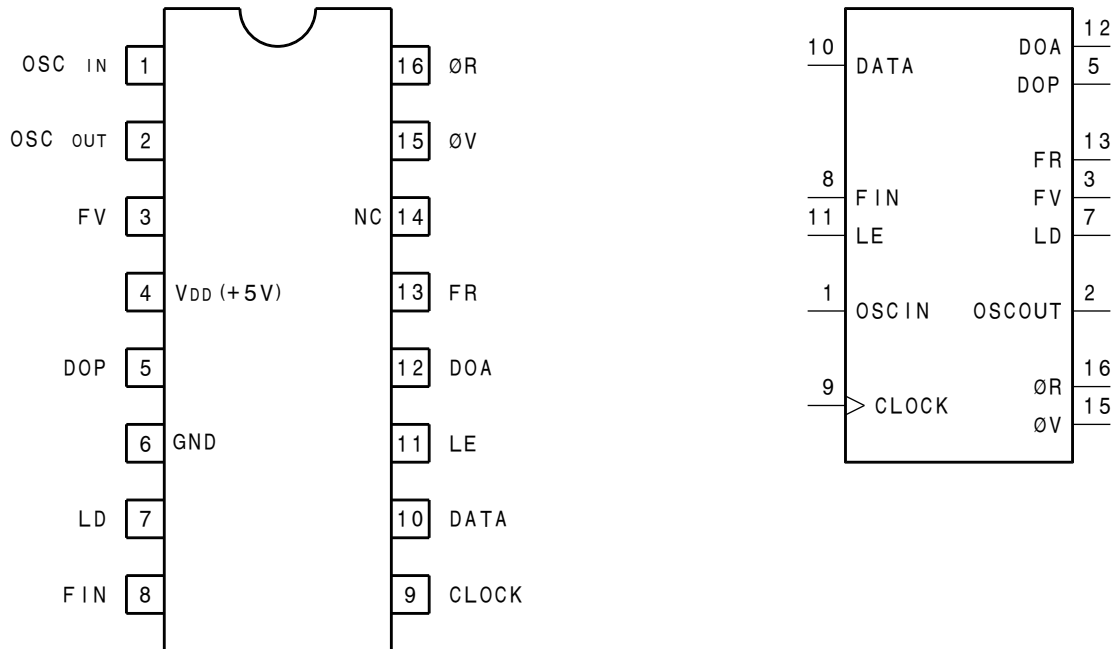

C-MOS PLL FREQUENCY SYNTHESIZER WITH PRE-SCALER

-TOP VIEW-



INPUT

CLOCK ;CLOCK FOR SHIFT RESISTER
 DATA ;SERIAL DATA FOR SHIFT RESISTER
 FIN ;PRE-SCALER INPUT
 LE ;LOAD ENABLE
 OSC IN ;CRYSTAL OSCILLATOR

OUTPUT

DOA ;LOW PASS FILTER (ACTIVE)
 DOP ;LOW PASS FILTER (PASSIVE)
 FR, FV ;MONITORS OUTPUT FOR COMPARATOR
 LD ;PHASE COMPARATOR
 OSC OUT ;CRYSTAL OSCILLATOR
 ØR, ØV ;LOW PASS FILTER CONNECTION

