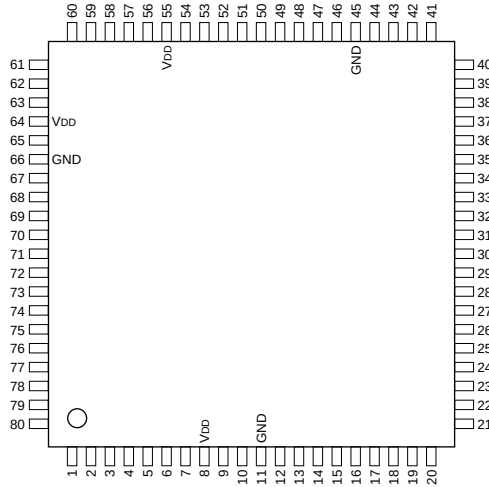


16-BIT SINGLE CHIP MICROCOMPUTER WITH ONE TIME PROM

—TOP VIEW—



INPUT

ANI0 - ANI7 ; ANALOG INPUT
 ASCK0 - ASCK2 ; ASYNCHRONOUS SERIAL CLOCK
 AVREF1 - AVREF3 ; REFERENCE VOLTAGE
 CI ; CLOCK INPUT
 HLDRQ ; HOLD REQUEST
 INTP0 - INTP5 ; INTERRUPT FROM PERIPHERALS
 NMI ; NON-MASKABLE INTERRUPT
 P20 - P27 ; PORT2
 RESET ; RESET
 RXD, RXD2 ; RECEIVE DATA
 SB0 ; SERIAL BUS
 SCK0 - SCK2 ; SERIAL CLOCK
 SI0 - SI2 ; SERIAL INPUT
 WAIT ; WAIT
 X1, X2 ; CRYSTAL OSCILLATOR INPUT

OUTPUT

A8 - A19 ; ADDRESS BUS
 ANO0, ANO1 ; ANALOG OUTPUT
 ASTB ; ADDRESS STROBE
 CLK OUT ; CLOCK OUTPUT
 HLDK ; HOLD ACKNOWLEDGE
 PWM0, PWM1 ; PULSE WIDTH MODULATION OUTPUT
 RD ; READ STROBE
 REFRQ ; REFRESH REQUEST
 SO0 - SO2 ; SERIAL OUTPUT
 TO0 - TO3 ; TIMER OUTPUT
 TXD, TXD2 ; TRANSMIT DATA
 WR ; WRITE STROBE

I/O

AD0 - AD7 ; ADDRESS/DATA BUS
 P00 - P07 ; PORT0
 P10 - P17 ; PORT1
 P30 - P37 ; PORT3
 P40 - P47 ; PORT4
 P50 - P57 ; PORT5
 P60 - P67 ; PORT6
 P70 - P77 ; PORT7

