

**POD SPECIFICATIONS**

1-3.

Specifications for the Pod are listed in Table 1-1.

**Table 1-1. 9000A-80286H Pod Specifications**

<b>ELECTRICAL PERFORMANCE</b>	
Power Dissipation .....	10 watts max.
Maximum External Voltage .....	-7V to +12V (all pins)
Voltages listed above are continuous and are referenced to ground.	
<b>MICROPROCESSOR SIGNALS*</b>	
Clock input (pin 31):	
Input Low Voltage .....	0.8V max. at 3.2 mA
Input High Voltage .....	2.0V min. at -50 $\mu$ A
All other signals:	
Input Low Voltage .....	0.8V max.
Input High Voltage .....	2.0V min.
Output Low Voltage .....	0.5V max. at rated current
Output High Voltage .....	2.4V min. at -400 $\mu$ A
Tri-state Output Leakage Current .....	$\pm$ 0.02 mA typical, +0.1 to -0.2 mA max.
High Level Input Current .....	20 $\mu$ A max.
Low Level Input Current ( $\overline{\text{READY}}$ ) .....	-2.5 mA max.
Low Level Input Current (all others) .....	-500 $\mu$ A max.
<b>TIMING CHARACTERISTICS</b>	
Maximum External Clock Frequency .....	25.0 MHz (CLK input) 12.5 MHz effective rate (PCLK)
Insertion Delays to 80286 Signals	
INPUT SIGNALS .....	15 ns typ.
OUTPUT SIGNALS .....	20 ns typ.
<b>UUT POWER DETECTION</b>	
Detection of Low Vcc Fault .....	Vcc < +4.5V
Detection of High Vcc Fault .....	Vcc > +5.5V
Pod Protection from UUT Low Power .....	Vcc < +3.4V**
<b>GENERAL</b>	
Size .....	5.7 cm H x 14.5 cm W x 27.1 cm L (2.2 in H x 5.7 in W x 10.7 in L)
Weight .....	1.5 kg (3.3 lbs)
Environment	
STORAGE .....	-40°C to +70°C, RH < 95%, non-condensing
OPERATING .....	0°C to +40°C, RH < 75%, non-condensing
Protection Class 3 .....	Relates solely to insulation or grounding defined in IEC 348.
*Signals are specified as they appear at the UUT cable plug pins.	
**Pod outputs set to high-impedance state.	