



**INTEL
INTEGRATED CIRCUITS
MICROPROCESSOR
828X Series**

The 8080A microprocessor and its family of support peripherals was developed by Intel for military applications.

MAXIMUM RATINGS

Rating	Value	Unit
Case Temperature Under Bias	-55 to +125	°C
Storage Temperature	-65 to +150	°C
Power Supply Tolerance	±10	%

PACKAGING AVAILABLE

(See page 88):

E - 16-LEAD DUAL INLINE	R - 20-LEAD DUAL INLINE
J - 24-LEAD DUAL INLINE	Y - 28-LEAD DUAL INLINE
Q - 40-LEAD DUAL INLINE	

**FUNCTIONS AND
CHARACTERISTICS**

FUNCTION	TYPE/PKG	POWER DISSIPATION	OUTPUT CURRENT mA
8-Bit N-Channel Microprocessor	8080A/Q	1.7W	—
8-Bit Input/Output Port	8212/J	—	100
Priority Interrupt Control Unit	8214/J	—	100
4-Bit Parallel Bidirectional Bus Driver	8216/E	—	125
System Controller and Bus Driver	8224/E	—	100
4-Bit Parallel Bidirectional Bus Driver	8226/E	—	125
System Controller and Bus Driver	8228/Y	—	100
Octal Latch	8282/R	1.0W	—
Octal Latch	8283/R	1.0W	—
Clock Generator and Driver	8284A/V	1.0W	—
Octal Bus Transceiver	8286/R	1.0W	—
Octal Bus Transceiver	8287/R	1.0W	—
Bus Controller	8288/R	1.5W	—
Bus Arbiter	8289/R	1.5W	—