

## Specifications

Symbol	Parameter	Min.	Typ.	Max.	Unit
<b>Logic Inputs and Outputs</b>					
V <sub>IH</sub>	Voltage, input high	2.0	–	–	V
V <sub>IL</sub>	Voltage, input low	–	–	0.8	V
I <sub>IH</sub>	Current, input high, V <sub>IN</sub> = 2.7V	–	–	±1	µA
I <sub>IL</sub>	Current, input low, V <sub>IN</sub> = 0.5V	–	–	±1	µA
I <sub>OZH</sub>	High impedance output current, V <sub>OUT</sub> high	–	–	±1	µA
I <sub>OZL</sub>	High impedance output current, V <sub>OUT</sub> Low	–	–	±1	µA
V <sub>OH</sub>	Voltage, output high, I <sub>OH</sub> = –8mA	2.4	3.3	–	V
V <sub>OL</sub>	Voltage, output low, I <sub>OL</sub> = 64mA	–	0.3	0.55	V
I <sub>OL</sub>	Current, output low	–	–	64.0	mA
I <sub>OH</sub>	Current, output high	–	–	–15	mA
I <sub>OS</sub>	Short circuit current	–60.0	–120.0	–225.0	mA
I <sub>OFF</sub>	Input/output power off leakage	–	–	±1	µA
<b>Power Requirements</b>					
	+5V		1.6		A
<b>Environmental</b>					
	Operating temperature range	0		+50	°C
	Storage temperature range	–40		+100	°C
	Humidity (non condensing)	0		90	%
<b>Dimension</b>					
	5 × 4.25 × 0.75 (half slot)				inches
	12.7 × 10.8 × 1.9				cm
<b>Weight</b>					
	4.4				oz
	125				grams

## Board Mapping

Base + Offset 0 × 0	GROUP 0 data	Read/write
Base + Offset 0 × 4	GROUP 1 data	Read/write
Base + Offset 0 × 8	GROUP 2 data	Read/write
Base + Offset 0 × C	GROUP 3 data	Read/write
Base + Offset 0 × 10	CONTROL GROUP 0	Write only
Base + Offset 0 × 14	CONTROL GROUP 0	Write only
Base + Offset 0 × 18	CONTROL GROUP 0	Write only
Base + Offset 0 × 1C	CONTROL GROUP 0	Write only