

# Texas Instruments PCIxx12 Power Consumption

No Test Devices Inserted	Regulator Disabled (VCC + AVDD + VDPLL33)		1.5v	Regulator Enabled (VCC + AVDD + VDPLL33)
	Power State	Milliamperes	Milliamperes	Milliamperes
	D0	2.0	27.0	30.6
	D1	2.0	18.8	21.9
	D2	0.2	10.3	10.9
	D3	0.2	6.7	7.1
	D3-No Clock	0.065	0.032	0.171
<b>CardBus</b>				
<i>Xircor CBEM 10/100 LAN+Modem</i>	Power State	Milliamperes	Milliamperes	Milliamperes
	D0 Inactive	8.0	29.6	39.1
	D0 Active	21.5	29.6	52.5
	D3	2.3	26.6	30.5
<b>IEEE1394</b>				
<i>Orange Micro iBot Camera</i>	Power State	Milliamperes	Milliamperes	Milliamperes
	D0 Inactive	17.4	27.6	46.9
	D0 Active	34.5	29.7	65.0
	D3	17.2	27.9	45.8
<b>Flash Media</b>				
<i>Sony MemoryStick PRO 512MB</i>	Power State	Milliamperes	Milliamperes	Milliamperes
	D0 Inactive	2.1	30.0	33.9
	D0 Active	4.0	30.9	36.0
	D3	2.1	30.0	33.9
<b>Smart Card</b>				
<i>Acer SmartKey Access Card</i>	Power State	Milliamperes	Milliamperes	Milliamperes
	D0 Inactive	2.1	27.2	30.7
	D0 Active	2.1	27.2	30.7
	D3	2.1	27.2	30.7
<b>All Test Devices Inserted</b>				
<i>Xircor CBEM 10/100 LAN+Modem</i>	Power State	Milliamperes	Milliamperes	Milliamperes
<i>Orange Micro iBot Camera</i>	D0 Inactive	22.0	31.6	56.0
<i>Sony MemoryStick PRO 512MB</i>	D0 Active	53.1	33.6	85.0
<i>Acer SmartKey Access Card</i>	D3	17.7	22.6	41.5
<b>Maximum Consumption</b>				
<i>(VCC+AVDD+VDPLL33 = 3.6v)</i>	Power State			Milliamperes
<i>ALL FUNCTIONS ACTIVE</i>	D0 Active			94.5

## Power State Definitions

<i>D0</i>	Function Idle : PCI D0 State
<i>D1</i>	Function Idle : PCI D1 State
<i>D2</i>	Function Idle : PCI D2 State
<i>D3</i>	Function Idle : PCI D3 Hot State
<i>D3-No Clock</i>	Function Idle : PCI D3 Hot State : No PCI/48Mhz Clock
<i>D0 Inactive</i>	Function Idle : PCI D0 State : Test Device Inserted-Idle
<i>D0 Active</i>	Function Active : PCI D0 State : Test Device Inserted-Active

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