

Following is a table which lists the values of the Pascal 1.1 Firmware Protocol ID bytes for some Apple products which follow the protocol. Previous versions of this Note listed ID bytes for products which did not follow the protocol. Do **not** attempt to identify devices which do not follow the protocol by checking these ID bytes. This method will **not** work and should be avoided.

For example, trying to conclusively identify a 3.5" disk drive, SCSI hard drive, memory expansion card, or other SmartPort device using these ID bytes could be disastrous. For any SmartPort device, you should look for the ProDOS Block Device ID bytes (\$Cn01 = \$20, \$Cn03 = \$00, \$Cn05 = \$03), then look for the additional SmartPort ID byte (\$Cn07 = \$00). Once you have identified SmartPort, you should make a SmartPort STATUS call to determine the nature and types of connected devices. By this definition, ProDOS block devices and SmartPort devices cannot follow the Pascal 1.1 Firmware Protocol.

Pascal 1.1 Devices

	\$Cn05	\$Cn07	\$Cn0B	\$Cn0C
Apple II Peripheral Cards				
Super Serial Card (or port)	\$38	\$18	\$01	\$31
Apple 80 Column Card	\$38	\$18	\$01	\$88
Apple II Mouse Card	\$38	\$18	\$01	\$20
Apple IIc Ports				
<i>1st version \$FBBF = \$FF</i>				
Slot 1 (Serial Port)	\$38	\$18	\$01	\$31
Slot 2 (Serial Port)	\$38	\$18	\$01	\$31
Slot 3 (80 Columns)	\$38	\$18	\$01	\$88
Slot 4 (Mouse)	\$38	\$18	\$01	\$20
<i>2nd version \$FBBF = \$00</i>				
Slot 1 (Serial Port)	\$38	\$18	\$01	\$31
Slot 2 (Serial Port)	\$38	\$18	\$01	\$31
Slot 3 (80 Columns)	\$38	\$18	\$01	\$88
Slot 4 (Mouse)	\$38	\$18	\$01	\$20
Slot 7 (AppleTalk)	\$38	\$18	\$01	\$31
<i>3rd version \$FBBF = \$03, 4th version \$FBBF = \$04, and 5th version \$FBBF = \$05</i>				
Slot 1 (Serial Port)	\$38	\$18	\$01	\$31
Slot 2 (Serial Port)	\$38	\$18	\$01	\$31
Slot 3 (80 Columns)	\$38	\$18	\$01	\$88
Slot 7 (Mouse)	\$38	\$18	\$01	\$20
Apple IIGS Ports (ROM 1.0 and 2.0)				
Slot 1 (Serial Port)	\$38	\$18	\$01	\$31
Slot 2 (Serial Port)	\$38	\$18	\$01	\$31
Slot 3 (80 Columns)	\$38	\$18	\$01	\$88
Slot 4 (Mouse Port)	\$38	\$18	\$01	\$20
Slot 7 (AppleTalk)	\$38	\$18	\$01	\$31

ProDOS and SmartPort Devices

	\$Cn01	\$Cn03	\$Cn05	\$Cn07	
Generic ProDOS Block Device		\$20	\$00	\$03	\$xx
SmartPort Device	\$20	\$00	\$03	\$00	