SNES Expansion Port Pinout by [Jonathon W. Donaldson (jwdonal)](#) (special thanks to [Martin Korth (nocash)](#))

Designator	Name	Desc	Type	Owner	Show	Number	Name
1	PA0	5A22 B-Bus Address	Input	1	True	True	PA0
2	PA1	5A22 B-Bus Address	Input	1	True	True	PA1
3	PA2	5A22 B-Bus Address	Input	1	True	True	PA2
4	PA3	5A22 B-Bus Address	Input	1	True	True	PA3
5	PA4	5A22 B-Bus Address	Input	1	True	True	PA4
6	PA5	5A22 B-Bus Address	Input	1	True	True	PA5
7	PA6	5A22 B-Bus Address	Input	1	True	True	PA6
8	PA7	5A22 B-Bus Address	Input	1	True	True	PA7
9	P\A\W\R\	5A22 B-Bus Write Strobe (Active-Low)	Input	1	True	True	P\A\W\R\
10	P\A\R\D\	5A22 B-Bus Read Strobe (Active-Low)	Input	1	True	True	P\A\R\D\
11	D0	5A22 Data Bus	I/O	1	True	True	D0
12	D1	5A22 Data Bus	I/O	1	True	True	D1
13	D2	5A22 Data Bus	I/O	1	True	True	D2
14	D3	5A22 Data Bus	I/O	1	True	True	D3
15	D4	5A22 Data Bus	I/O	1	True	True	D4
16	D5	5A22 Data Bus	I/O	1	True	True	D5
17	D6	5A22 Data Bus	I/O	1	True	True	D6
18	D7	5A22 Data Bus	I/O	1	True	True	D7
19	R\E\S\E\T\	System Reset (from PPU2)	Input	1	True	True	R\E\S\E\T\
20	VCC	Supply	Power	1	True	True	VCC
21	SMPCK	8.192MHz (24.576MHz/3) (from S-DSP) (not sure why it's named SMPCK since it is driven by the DSP and is _not_ the same frequency as the S-SMP clock)	Input	1	True	True	SMPCK
22	DOTCK	PPU Dot Clock In (5.37MHz) (from PPU2)	Input	1	True	True	DOTCK
23	GND	Supply	Power	1	True	True	GND
24	EXPAND	Used to let cartridge know if something is connected to the expansion port (10k Pull-up) (to Cartridge)	Passive	1	True	True	EXPAND
25	MONO-OUT	Mono Audio Out (from Post-Amplifier)	Input	1	True	True	MONO-OUT
26	I\R\Q\	5A22 Interrupt Request (Active-Low) (to 5A22)	Output	1	True	True	I\R\Q\
27	SL-IN	Stereo Left In (to Post-Amplifier)	Output	1	True	True	SL-IN
28	SR-IN	Stereo Right In (to Post-Amplifier)	Output	1	True	True	SR-IN