SNES S-ENC Pinout by [Jonathon W. Donaldson (jwdonal)](#) (special thanks to [Martin Korth (nocash)](#))

Designator	Name	Desc	Type	Owner	Show	Number	Name
1	(R-Y)O	ER-EY Output (to System)	Output	1	True	True	(R-Y)O
2	GND	Supply	Power	1	True	True	GND
3	P\C\P\	Pedestal Clamp Pulse (Active-Low) (from PPU2)	Input	1	True	True	P\C\P\
4	SW	Switch (VCC)	Input	1	True	True	SW
5	VCC	Supply	Power	1	True	True	VCC
6	CO	Chroma Signal Out (to AV Multi-Out)	Output	1	True	True	CO
7	VO	Composite Video Out (to AV Multi-Out and RF Modulator)	Output	1	True	True	VO
8	S\Y\N\C\	Composite Sync (Active-Low) (from PPU2)	Input	1	True	True	S\Y\N\C\
9	YI	Luminance Input (from System)	Input	1	True	True	YI
10	(B-Y)I	EB-EY Input (from System)	Input	1	True	True	(B-Y)I
11	(R-Y)I	ER-EY Input (from System)	Input	1	True	True	(R-Y)I
12	BLA	Unknown (GND)	Input	1	True	True	BLA
13	VC	VCXO Delay Phase Input (from System)	Input	1	True	True	VC
14	VB	VCXO Input (3.58MHz) (from PPU2)	Input	1	True	True	VB
15	VA	VCXO Output (NC)	Output	1	True	True	VA
16	B\F\P\	Burst Flag Pulse (Active-Low) (from PPU2)	Input	1	True	True	B\F\P\
17	PHA	Phase (NC)	Input	1	True	True	PHA
18	PDO	Phase Detect Out (NC)	Output	1	True	True	PDO
19	NTSC/P\A\L\	Video Output Mode (VCC=NTSC, GND=PAL) (VCC)	Input	1	True	True	NTSC/P\A\L\
20	AR	Analog Red Component (from PPU2)	Input	1	True	True	AR
21	AG	Analog Green Component (from PPU2)	Input	1	True	True	AG
22	AB	Analog Blue Component (from PPU2)	Input	1	True	True	AB
23	YO	Luminance Output (to AV Multi-Out)	Output	1	True	True	YO
24	(B-Y)O	EB-EY Output (to System)	Output	1	True	True	(B-Y)O