



# AD75019 Data Sheet Revision

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# Data Sheet Comparison

## PIN FUNCTION DESCRIPTIONS

Pin	Name	Description
1	PCLK	Parallel Clock Input
2	SCLK	Serial Clock Input
3	SIN	Serial Data Input
4	V <sub>SS</sub>	Negative Analog Power Supply
5	NC	No Internal Connection
6	NC	No Internal Connection
7	Y15	Analog Output (or Input)
8	Y14	Analog Output (or Input)
9	Y13	Analog Output (or Input)
10	Y12	Analog Output (or Input)
11	Y11	Analog Output (or Input)
12	Y10	Analog Output (or Input)
13	Y9	Analog Output (or Input)
14	Y8	Analog Output (or Input)
15	X0	Analog Input (or Output)
16	X1	Analog Input (or Output)
17	X2	Analog Input (or Output)
18	X3	Analog Input (or Output)
19	X4	Analog Input (or Output)
20	X5	Analog Input (or Output)
21	X6	Analog Input (or Output)
22	X7	Analog Input (or Output)
23	X8	Analog Input (or Output)
24	X9	Analog Input (or Output)
25	X10	Analog Input (or Output)
26	X11	Analog Input (or Output)
27	X12	Analog Input (or Output)
28	X13	Analog Input (or Output)
29	X14	Analog Output (or Input)
30	X15	Analog Output (or Input)
31	Y0	Analog Output (or Input)
32	Y1	Analog Output (or Input)
33	Y2	Analog Output (or Input)
34	Y3	Analog Output (or Input)
35	Y4	Analog Output (or Input)
36	Y5	Analog Output (or Input)
37	Y6	Analog Output (or Input)
38	Y7	Analog Output (or Input)
39	NC	No Internal Connection
40	NC	No Internal Connection
41	V <sub>DD</sub>	Positive Analog Power Supply
42	V <sub>CC</sub>	Digital Power Supply
43	DGND	Digital Ground
44	SOUT	Serial Data Output: Positive True

REV. D

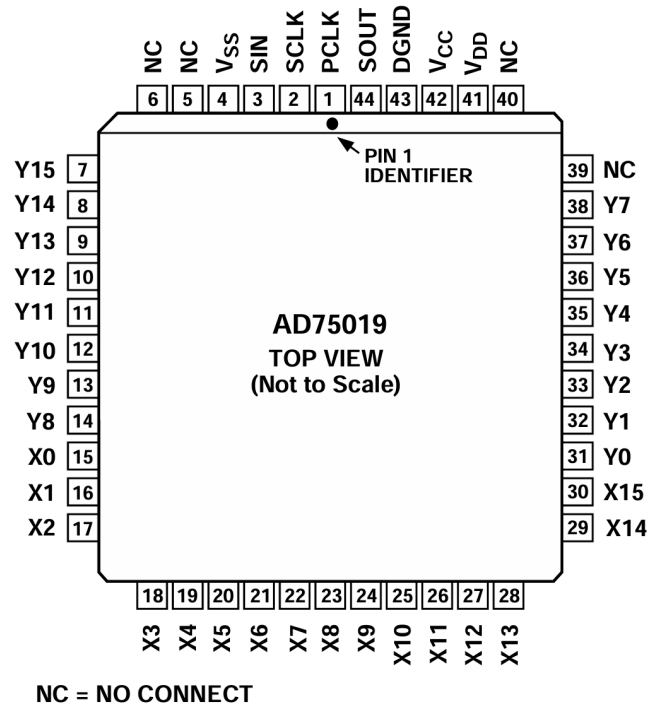
Table 5. Pin Function Descriptions

Pin	Name	Description
1	PCLK	Parallel Clock Input
2	SCLK	Serial Clock Input
3	SIN	Serial Data Input
4	V <sub>SS</sub>	Negative Analog Power Supply
5	NIC	Not Internally Connected
6	NIC	Not Internally Connected
7	Y15	Analog Output (or Input)
8	Y14	Analog Output (or Input)
9	Y13	Analog Output (or Input)
10	Y12	Analog Output (or Input)
11	Y11	Analog Output (or Input)
12	Y10	Analog Output (or Input)
13	Y9	Analog Output (or Input)
14	Y8	Analog Output (or Input)
15	X0	Analog Input (or Output)
16	X1	Analog Input (or Output)
17	X2	Analog Input (or Output)
18	X3	Analog Input (or Output)
19	X4	Analog Input (or Output)
20	X5	Analog Input (or Output)
21	X6	Analog Input (or Output)
22	X7	Analog Input (or Output)
23	X8	Analog Input (or Output)
24	X9	Analog Input (or Output)
25	X10	Analog Input (or Output)
26	X11	Analog Input (or Output)
27	X12	Analog Input (or Output)
28	X13	Analog Input (or Output)
29	X14	Analog Output (or Input)
30	X15	Analog Output (or Input)
31	Y0	Analog Output (or Input)
32	Y1	Analog Output (or Input)
33	Y2	Analog Output (or Input)
34	Y3	Analog Output (or Input)
35	Y4	Analog Output (or Input)
36	Y5	Analog Output (or Input)
37	Y6	Analog Output (or Input)
38	Y7	Analog Output (or Input)
39	DNC	Do Not Connect
40	DNC	Do Not Connect
41	V <sub>DD</sub>	Positive Analog Power Supply
42	V <sub>CC</sub>	Digital Power Supply
43	DGND	Digital Ground
44	SOUT	Serial Data Output: Positive True

REV. E

# Data Sheet Comparison

## PIN CONFIGURATION



REV. D

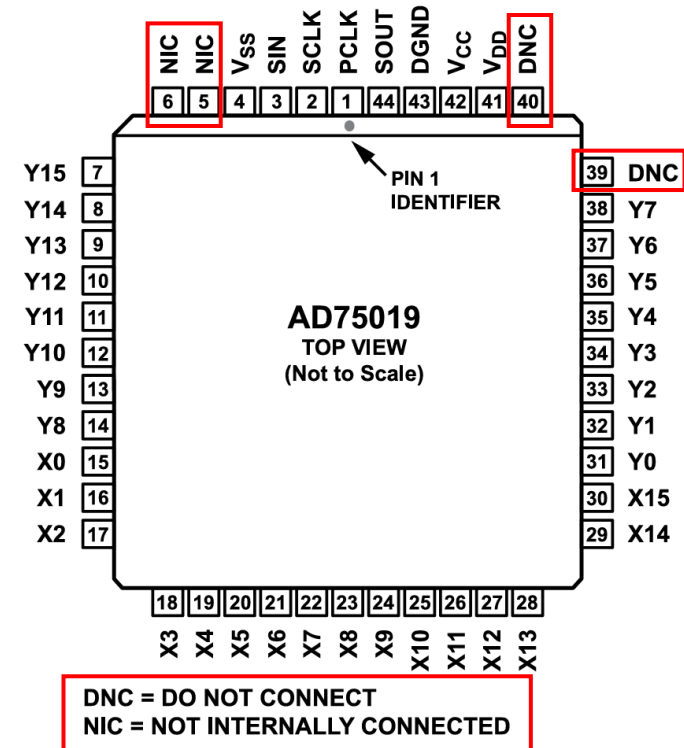


Figure 3. Pin Configuration

REV. E