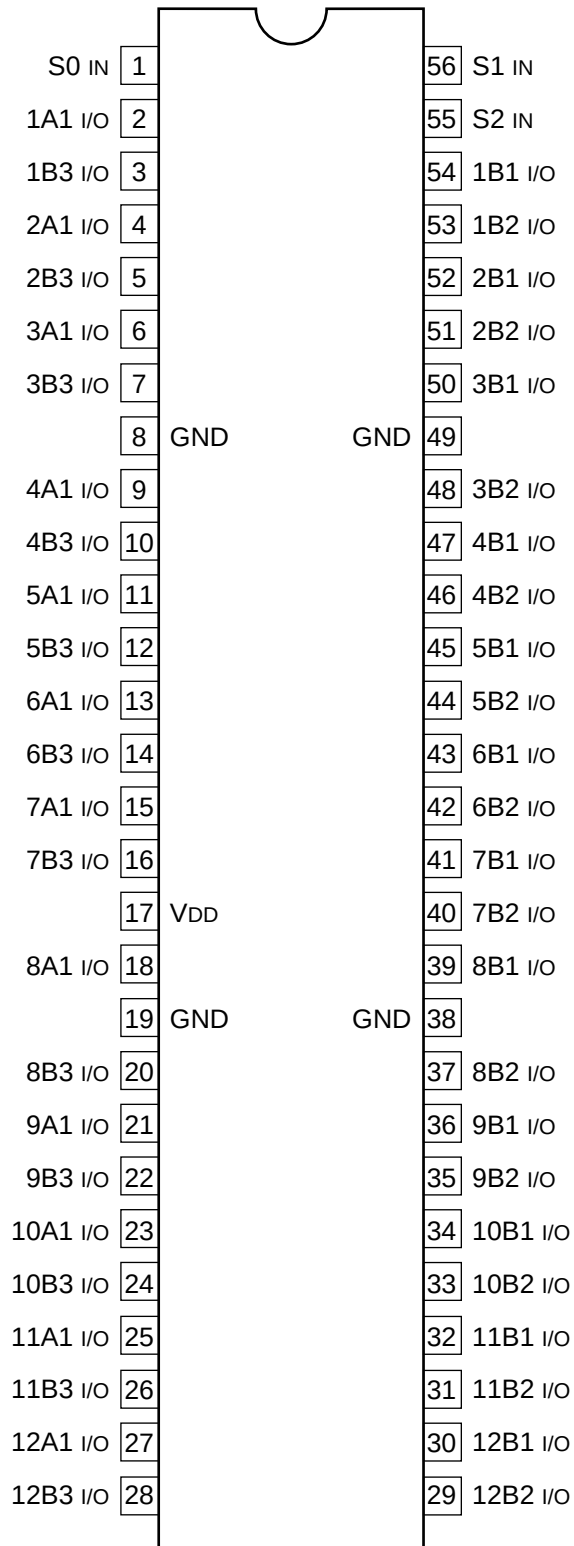


C-MOS 12-BIT 3:1 MUX/DEMUX SWITCH

—TOP VIEW—

**INPUT**

S0 - S2 : SELECT LINES

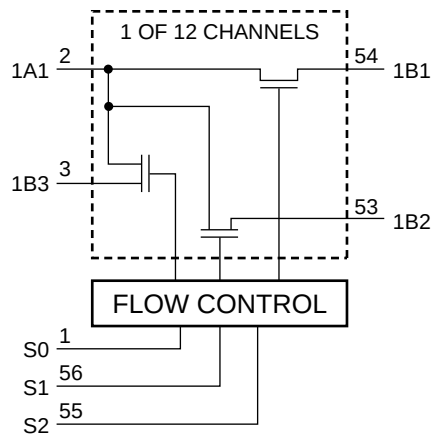
INPUT/OUTPUT

1A1- 12A1 : BUS A1

1B1 - 12B1 : BUS B1

1B2 - 12B2 : BUS B2

1B3 - 12B3 : BUS B3



S2	S1	S0	A1	FUNCTION
0	0	0	HI-Z	DISCONNECT
0	0	1	B1	A1 TO B1
0	1	0	B2	A1 TO B2
0	1	1	HI-Z	DISCONNECT
1	0	0	HI-Z	DISCONNECT
1	0	1	B3	A1 TO B3
1	1	0	B1	A1 TO B1
1	1	1	B2	A1 TO B2

0 : LOW LEVEL

1 : HIGH LEVEL

HI-Z : HIGH IMPEDANCE