



## 6.2 Pin description

Table 3: Pin description

Symbol	Pin	Description
S	1	common data select input
1I0	2	data input 1 from source 0
1I1	3	data input 1 from source 1
1 $\bar{Y}$	4	multiplexer output 1
2I0	5	data input 2 from source 0
2I1	6	data input 2 from source 1
2 $\bar{Y}$	7	multiplexer output 2
GND	8	ground (0 V)
3 $\bar{Y}$	9	multiplexer output 3
3I1	10	data input 3 from source 1
3I0	11	data input 3 from source 0
4 $\bar{Y}$	12	multiplexer output 4
4I1	13	data input 4 from source 1
4I0	14	data input 4 from source 0
$\bar{E}$	15	enable input (active LOW)
V <sub>CC</sub>	16	positive supply voltage

## 7. Functional description

### 7.1 Function table

Table 4: Function [\[1\]](#)

Control		Input		Output
$\bar{E}$	S	nI0	nI1	n $\bar{Y}$
H	X	X	X	H
L	L	L	X	H
		H	X	L
	H	X	L	H
		X	H	L

[1] H = HIGH voltage level;  
L = LOW voltage level;  
X = don't care.