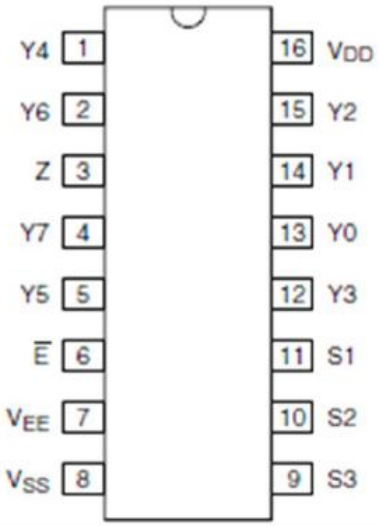
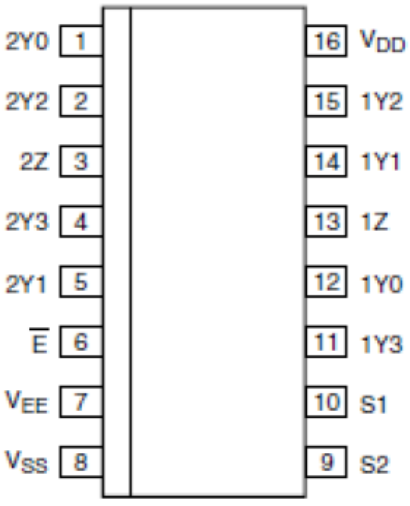
4051 : 8X1 multiplexer/demultiplexer



Pin Symbol	Pin Function
E	Kept low to enable normal functioning of MUX/DEMUX
VEE	Supply Voltage
VSS	Ground Supply Voltage
S1 , S2 , S3	Selection Pin Inputs
Y0 – Y7	Independent Input or Output Pins
Z	Common Input or Output Pin
VDD	Supply Voltage

4052 : 4X1 multiplexer/demultiplexer



Pin Symbol	Pin Function
E	Kept low to enable normal functioning of MUX/DEMUX
VEE	Supply Voltage
VSS	Ground Supply Voltage
S1 , S2	Selection Pin Inputs
1Y0 – 1Y3, 2Y0 – 2Y3	Independent Input or Output Pins
1Z, 2Z	Common Input or Output Pin
VDD	Supply Voltage

Note : 2X1 and 16X1 MUX/DEMUX are also available and has similar pin configuration.