



OCTAL BUS TRANSCEIVER, OUR EQUIVALENT ASYNCHRONOUS  
TWO-WAY COMMUNICATOR, TTL-CMOS COMPATIBLE

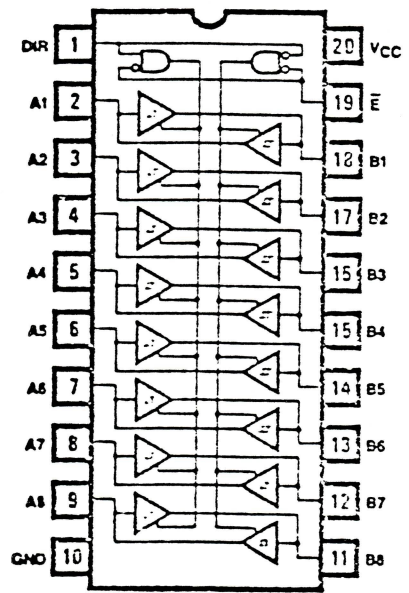
65245 MOS	SYMBOL	SN74LS245 TI, MMI, FCI, MOT, SIG
The Same (OK)	Package	20 PIN DIP
The Same (OK)	<u>I<sub>OL</sub></u>	I <sub>OL</sub> 12ma Vol. .4V
	Fan Out	I <sub>OL</sub> 24ma Vol. .5V
<u>Typical</u>	<u>Power</u>	<u>Typical</u>
Bad 47ma	I <sub>cc</sub>	25ma Total Outputs Hi
Better 44ma	Supply	62ma Total Outputs Low
Better 56ma	Current	64ma Outputs at HiZ
<u>Typical</u>	<u>Input Current</u>	<u>Typical</u>
Better 20na	I <sub>IH</sub>	20µa
Better 20na	I <sub>IL</sub>	-200µa
	<u>Speed</u>	
Our Best 20na, Typical	tpHL	8ns Typical (Their Best)
Our Worst 47ns, Typical	tpZL	25ns Typical (Their Worst)

SUMMATION: Generally, we are better in supply current and input current, but slower in speed.

Logic Symbol

MOS

DIR  
A<sub>0</sub>  
A<sub>1</sub>  
A<sub>2</sub>  
A<sub>3</sub>  
A<sub>4</sub>  
A<sub>5</sub>  
A<sub>6</sub>  
A<sub>7</sub>  
GND



MOS

VCC  
E  
B<sub>0</sub>  
B<sub>1</sub>  
B<sub>2</sub>  
B<sub>3</sub>  
B<sub>4</sub>  
B<sub>5</sub>  
B<sub>6</sub>  
B<sub>7</sub>