

# CMOS Bus Support Circuits

## BiMOS FCT Bus-Interface Logic\*

Type CD54/74	Function/Description	No. of Pins
<b>INVERTERS/BUFFERS/BUS DRIVERS</b>		
FCT240	Octal Buffer/Line Driver; Three-State; Inverting	20
FCT241	Octal Buffer/Line Driver; Three-State	20
FCT244	Octal Buffer/Line Driver; Three-State	20
FCT540	Octal Buffer/Line Driver; Three-State; Inverting	20
FCT541	Octal Buffer/Line Driver; Three-State	20
FCT827A	10-Bit Buffer/Line Driver; Three-State	24
FCT828A	10-Bit Buffer/Line Driver; Three-State; Inverting	24
<b>FLIP-FLOPS/REGISTERS</b>		
FCT273	Octal D-Type Flip-Flop with Reset; Positive-Edge Trigger	20
FCT374	Octal D-Type Flip-Flop; Positive-Edge Trigger; Three-State	20
FCT377	Octal D-Type Flip-Flop; Positive-Edge Trigger with Data Enable	20
FCT534	Octal D-Type Flip-Flop; Positive-Edge Trigger; Three-State; Inverting	20
FCT564	Octal D-Type Flip-Flop; Positive-Edge Trigger; Three-State; Inverting	20
FCT574	Octal D-Type Flip-Flop; Positive-Edge Trigger; Three-State	20
FCT821A	10-Bit D-Type Flip-Flop; Positive-Edge Trigger; Three-State	24
FCT822A	10-Bit D-Type Flip-Flop; Positive-Edge Trigger; Three-State; Inverting	24
FCT823A	9-Bit D-Type Flip-Flop; Positive-Edge Trigger; Three-State	24
FCT824A	9-Bit D-Type Flip-Flop; Positive-Edge Trigger; Three-State; Inverting	24
FCT29520A	Multilevel Pipeline Register	24
FCT29521A	Multilevel Pipeline Register	24
<b>BUS TRANSCEIVERS</b>		
FCT245	Octal Bus Transceiver; Three-State	20
FCT543	Octal Register-Transceiver; Three-State	24
FCT544	Octal Register-Transceiver; Three-State; Inverting	24
FCT623	Octal Bus Transceiver; Three-State	20
FCT640	Octal Bus Transceiver; Three-State; Inverting	20
FCT643	Octal Bus Transceiver; Three-State; True/Inverting	20
FCT646	Octal Bus Transceiver/Register; Three-State	24
FCT647	Octal Bus Transceiver/Register with Open Drain	24
FCT648	Octal Bus Transceiver/Register; Three-State; Inverting	24
FCT649	Octal Bus Transceiver/Register with Open Drain; Inverting	24
FCT651	Octal Bus Transceiver/Register; Three-State; Inverting	24
FCT652	Octal Bus Transceiver/Register; Three-State	24
FCT653	Octal Bus Transceiver/Register; Open-Drain (A Side); Three-State (B Side); Inverting	24
FCT654	Octal Bus Transceiver/Register; Open-Drain (A Side); Three-State (B Side)	24
FCT861A	10-Bit Bus Transceiver; Three-State	24
FCT862A	10-Bit Bus Transceiver; Three-State; Inverting	24
FCT863A	9-Bit Bus Transceiver; Three-State	24
FCT864A	9-Bit Bus Transceiver; Three-State; Inverting	24
FCT2952A	Octal Register-Transceiver; Three-State	24
FCT2953A	Octal Register-Transceiver; Three-State; Inverting	24
FCT7623	Octal Bus Transceiver; Three-State (B Side); Open-Drain (A Side)	20
<b>LATCHES</b>		
FCT373	Octal Transparent Latch; Three-State	20
FCT533	Octal Transparent Latch; Three-State; Inverting	20
FCT563	Octal Transparent Latch; Three-State; Inverting	20
FCT573	Octal Transparent Latch; Three-State	20
FCT841A	10-Bit Transparent Latch; Three-State	24
FCT842A	10-Bit Transparent Latch; Three-State; Inverting	24
FCT843A	9-Bit Transparent Latch; Three-State	24
FCT844A	9-Bit Transparent Latch; Three-State; Inverting	24

\* For more information on this family, refer to the "BiMOS FCT Interface Logic ICs (CD54/74FCT Series)" section of this product guide