

Product Overview

MC74ACT541: Octal Buffer/Line Driver with 3-State Outputs

For complete documentation, see the data sheet.

The MC74AC540/74ACT540 and MC74AC541/74ACT541 are octal buffer/line drivers designed to be employed as memory and address drivers, clock drivers and bus oriented transmitter/receivers. The MC74AC541/74ACT541 is a noninverting option of the MC74AC540/74ACT540.

These devices are similar in function to the MC74AC240/74ACT240 and MC74AC244/74ACT244 while providing flow-through architecture (inputs on opposite side from outputs). This pinout arrangement makes these devices especially useful as output ports for microprocessors, allowing ease of layout and greater PC board density.

Features

- 3-State Outputs
- Inputs and Outputs Opposite Side of Package, Allowing Easier Interface to Microprocessors
- Outputs Source/Sink 24 mA
- MC74AC540/74ACT540 Provides Inverted Outputs
- MC74AC541/74ACT541 Provides Noninverted Outputs
- ACT540 and ACT541 Have TTL Compatible Inputs MC74AC540/74ACT540 MC74AC541/74ACT541 FACT DATA 5-1
- Pb-Free Packages are Available

Part Electrical Specifications

Product	Compliance	Status	Channels	Output	V _{CC} Min (V)	V _{CC} Max (V)	t _{pd} Max (ns)	I _O Max (mA)	Package Type
MC74ACT541DTG	Pb-free	Active	8	3-State	4.5	5.5	7.5	24	TSSOP-20
	Halide free								
MC74ACT541DTR2G	Pb-free	Active	8	3-State	4.5	5.5	7.5	24	TSSOP-20
	Halide free								
MC74ACT541DWG	Pb-free	Active	8	3-State	4.5	5.5	7.5	24	SOIC-20W
	Halide free								
MC74ACT541DWR2G	Pb-free	Active	8	3-State	4.5	5.5	7.5	24	SOIC-20W
	Halide free								

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