

## Product Overview

### MC74ACT540: 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 <sub>CC</sub> Min (V)	V <sub>CC</sub> Max (V)	t <sub>pd</sub> Max (ns)	I <sub>O</sub> Max (mA)	Package Type
MC74ACT540DTR2G	Pb-free	Active	8	3-State	4.5	5.5	8	24	TSSOP-20
	Halide free								
MC74ACT540DWG	Pb-free	Active	8	3-State	4.5	5.5	8	24	SOIC-20W
	Halide free								
MC74ACT540DWR2G	Pb-free	Active	8	3-State	4.5	5.5	8	24	SOIC-20W
	Halide free								

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