

MACROBLOCK LED DISPLAY ICs

PIN-COMPATIBLE ALTERNATIVES FOR TEXAS INSTRUMENTS AND TOSHIBA

12/16/24/48 channel constant current LED drivers from Macroblock. Drop-in replacements for common TI and Toshiba parts.



Benefits

- Drop-in replacements for TI and Toshiba
- Competitive price
- Excellent output current accuracy with PrecisionDrive technology
 - $\pm 2.5\%$ (max) between outputs
 - 3% (max) between ICs
- High resolution greyscale
 - Up to 16-bit with S-PWM technology
- High refresh rate
 - Up to 3840Hz
 - Flicker-free images and video
- Innovative technology to solve common problems, such as ghosting and non-uniformity



Compatibility guide

	MBI 5169	MBI 5025	MBI 5026	MBI 5027	MBI 5031	MBI 5034	MBI 5035	MBI 5038	MBI 5039	MBI 5040	MBI 5251	MBI 5324	MBI 5353	MBI 6023	MBI 6024	MBI 6033	MBI 6034
TLC5917	●																
TLC5922			▲	▲					▲								
TLC5925		▲					●										
TLC5926						●		▲	●								
TLC5927				●		●		▲	●								
TLC5928		●		●			▲	●	●								
TLC59281		●				●	●										
TLC59282		●				●	●										
TLC59283		●															
TLC59284		●				●	●										
TLC5929				●		●		●	▲								
TLC5941										▲							
TLC5943										●	●						
TLC5946					▲					●							
TLC59461					▲					●							
TLC5947												▲					
TLC5948A									●		▲						
TLC5952												▲					
TLC5955													●				
TLC5958													●				
TLC59581													●				
TLC59582													●				
TLC5971														▲	▲	▲	▲

Pin compatible ●

Functional equivalent ▲

Please refer to individual data sheets for full technical specifications