



Function	Part Number	Features
Tail Light	<a href="#">IS32LT3124</a>	Four Channel, Fully Programmable Linear Driver with Headroom Control
	<a href="#">IS32LT3181</a>	Six Channel Dual Intensity Linear Driver with Fault Detection
Side Marker	<a href="#">IS32LT3125</a>	Single Channel, 250mA Linear Driver with Fault Detection
	<a href="#">IS32LT3126</a>	Dual Channel, 150mA Linear Driver with Individual LED Detection
Map light	Family of LED drivers with integrated switch interface and programmable Fade ON/OFF	
	<a href="#">IS32LT3120</a>	Dual LED Channel, 200mA Linear Driver
	<a href="#">IS32LT3128</a>	Triple LED Channel with PWM Dimming
	<a href="#">IS32LT3129</a>	Triple LED Channel with I2C Interface
	<a href="#">IS32LT3174</a>	Single LED Channel, 200mA Linear Driver
	<a href="#">IS32LT3175</a>	Single LED Channel with PWM Dimming
Daytime Running Light (DRL)	<a href="#">IS32LT3124</a>	Four Channel, Fully Programmable Linear Driver with Headroom Control
	<a href="#">IS32LT3952</a>	1.5A PWM Dimmable Buck Regulator with Spread Spectrum and Fault Protection
	<a href="#">IS32LT3953</a>	3A PWM Dimmable Buck Regulator with Spread Spectrum and Fault Protection
	<a href="#">IS32LT3954</a>	3A PWM Dimmable Buck Regulator with Spread Spectrum and Fault Reporting
	<a href="#">IS32LT3957</a>	Controller Configurable as Boost or Buck-boost Operation
Headlight	<a href="#">IS32LT3953</a>	3A PWM Dimmable Buck Regulator with Spread Spectrum and Fault Protection
	<a href="#">IS32LT3954</a>	3A PWM Dimmable Buck Regulator with Spread Spectrum and Fault Reporting
	<a href="#">IS32LT3957</a>	Controller Configurable as Boost or Buck-boost Operation
Ambient	<a href="#">IS32FL3209</a>	18 Channel, 6 RGB LED Driver, 76mA per channel with white balance control
	<a href="#">IS32FL3738</a>	48 LED or 16 RGB dot Matrix (6x8), with individual LED adjust and control
	<a href="#">IS32FL3740</a>	12 LED or 4 RGB dot Matrix (3x4), with individual LED adjust and control

# Expanding Matrix LED Driver Offering

Part Number	4th Gen		3rd Gen		2nd Gen		1st Gen	
	<a href="#">IS31FL3741</a>	<a href="#">IS31FL3742</a>	<a href="#">IS31FL3733</a>	<a href="#">IS31FL3737</a>	<a href="#">IS31FL3736</a>	<a href="#">IS31FL3732</a>	<a href="#">IS31FL3731</a>	<a href="#">IS31FL3730</a>
Maximum LED Dot	351(39x9)	180(30x6)	192(16x12)	144(12x12)	96(8x12)	144(8x9x2)	144(8x9x2)	128(8x8x2)
RGB LED	117	60	64	48	32	48	48	NA
Scan Technology	Single scan	Single scan	Single scan	Single scan	Single scan	Multi-scan	Multi-scan	Dual scan
I2C Speed	1MHz	1MHz	1MHz	1MHz	1MHz	1MHz	400KHz	400KHz
I2C Address	4	4	16	16	16	16	4	4
Multi Chip Sync	No	No	Yes	Yes	Yes	Yes	No	No
Integrated RAM Loop	No	No	No	No	No	Yes	Yes	No
Audio Modulated	No	No	No	No	No	Yes	Yes	No
Auto Breath Control	3 Pattern group	3 Pattern group	3 Pattern group	3 Pattern group	3 Pattern group	Global	Global	No
Register Lock	Yes	Yes	Yes	Yes	Yes	No	No	No
Anti-Ghost	Yes	Yes	Yes	Yes	Yes	No	No	No
Noise Reduction	Yes	Yes	No	No	No	No	No	No
Open/Short Detect	Yes	Yes	Yes	Yes	Yes	No	No	No
Each Dot PWM	8-Bit	8-Bit	8-Bit	8-Bit	8-Bit	8-Bit	8-Bit	No
Global PWM	256	256	256	256	256	256	No	15x128
Separate Analog/Digital Vcc	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Package	QFN60 (7x7)	QFN48 (6x6)	QFN48(6x6) LQFP48	QFN40(5x5)	QFN40(5x5)	QFN40(5x5)	QFN28(4x4) SSOP28	QFN24(4x4)



Control hundreds of LEDs with  
Smart & Compact Drivers