

EV2W_LCM-EVK-A05 Specifications



Head Lamp	DRL	Front and Rear Indicator	Tail Lamp	Acoustic Vehicle Alerting System (AVAS)	Animation Lamp Board
Input Power Supply Voltage / 13.5V(Typ)	Input Power Supply Voltage / 13.5V(Typ)	Power Supply Voltage / 13.5V(Typ)	Input Power Supply Voltage / 13.5V(Typ)	LDO Output Voltage / 3.3V	String Input Voltage / 6.5V
Output Voltage / 22.6V(Typ)	Output Voltage / 26.3V(Typ)	Output Voltage / 11V	Output Voltage / 7.2V	Command to MCU / Music Code Action	Animation LEDs String Current / 500mA(Typ)
Output Current / 800mA	Output Current / 150mA(Typ)	Output Current / 156mA(Typ)	Output Current / 65mA Per Channel	Throttle Idle / Vehicle Idle Sound	Number of BD18333 / 2
Switching Frequency / 399kHz	Switching Frequency / 399kHz	Input Over Voltage Limit / 22V	Input Over Voltage Limit / 22V	Throttle Position Change / Vehicle Sound with Pitch Adjustment	Number of Channels / 48
Number of LEDs in Series / 3	Number of LEDs in Series / 4	Number of LEDs in Series / 3	Number of LEDs in Series / 3	Indicator Switch (Left / Right) / Vehicle Indicator Sound	Number of LEDs Per Channel / 3
Output Over Voltage Limit / 36.9V	Output Over Voltage Limit / 37V			Horn switch / Horn Sound	LED Color / Red
Output Over Current Limit / 3.7A	Output Over Current Limit / 1.2A			Interface with MCU / I ² C	LED Forward Voltage / 2.15V(Typ)
					Buck Output to Channel Voltage / 6.4V
					LED Per Channel Current / 11mA
					LED Open Fault / Disabled
					LED Short Fault / 2.5V
					LED Cathode Short Fault / Disabled
					Interface with MCU / UART

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