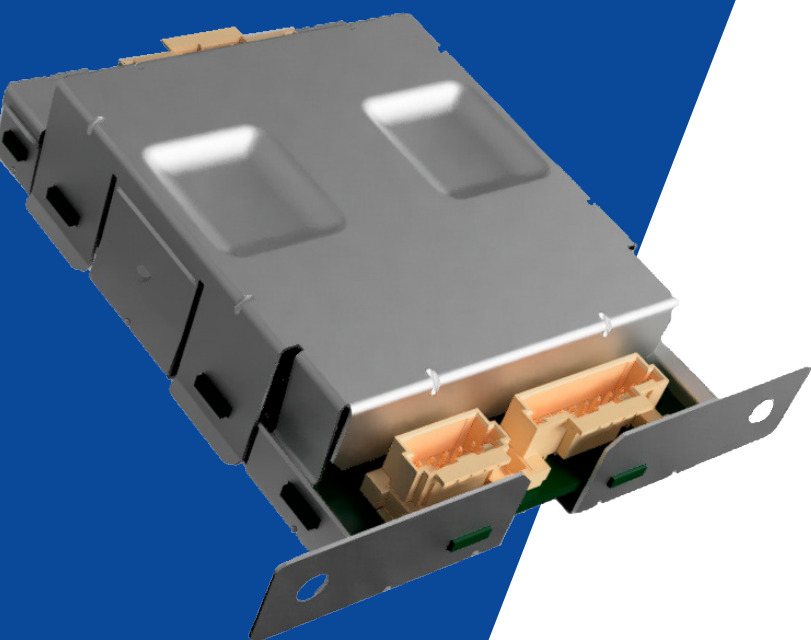


G.D.E. driver FULL LED

O **CORAÇÃO**
DA INDÚSTRIA
AUTOMOTIVA



O Driver Full LED da GDE combina eficiência, segurança e durabilidade em um único produto. Com controle inteligente e engenharia de ponta, garante performance estável e confiável em qualquer sistema de iluminação automotiva.



POWER SUPPLY



HIGH BEAM / LOW BEAM



DRL



POSITION



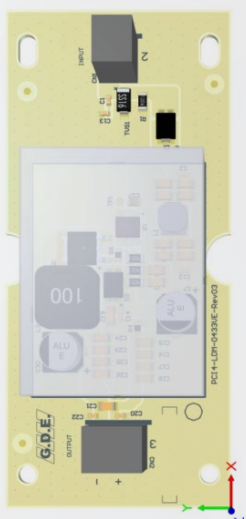
**TURN INDICATOR
TURN INDICATOR OUTAGE**

O Driver Full LED da GDE é desenvolvido para aplicação em sistemas de farol automotivo, garantindo gerenciamento preciso de corrente, estabilidade térmica e proteção contra variações elétricas. Assegura desempenho consistente, eficiência energética e confiabilidade.

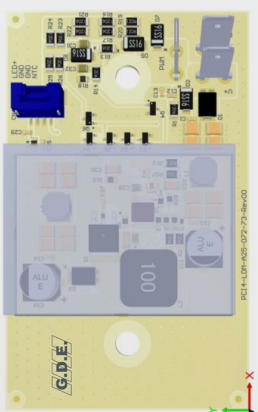
Driver FULL LED

GDE DRIVERS
CURRENTLY AVAILABLE

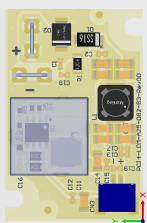
15W



15W



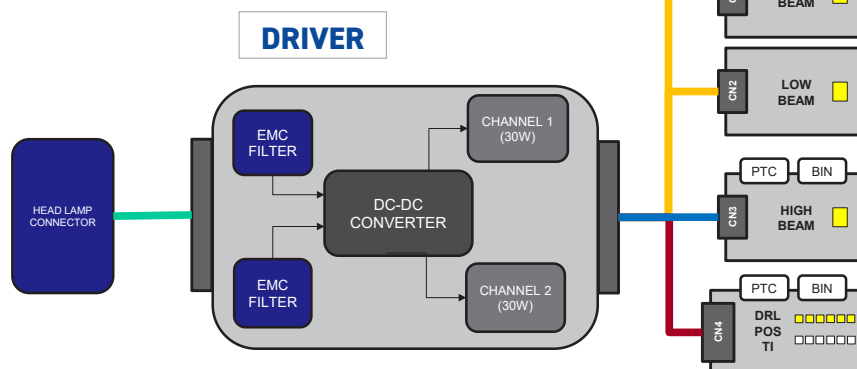
6W



DRIVER CONFIGURATION

PIN OUT FUNCTIONS:

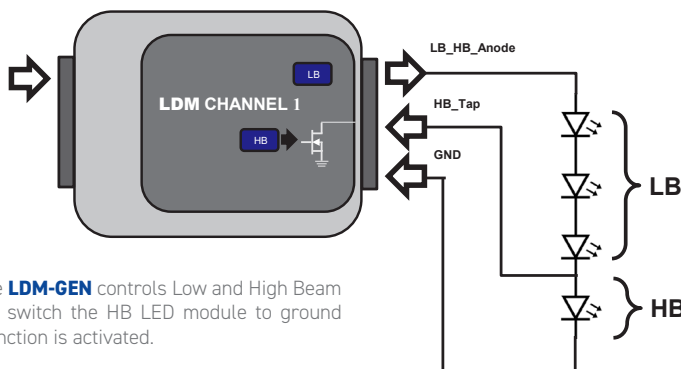
- High Beam;
- Low Beam;
- DRL;
- Position;
- Turn Indicator;
- Turn Indicator Outage.



LDM CHANNEL 1 HB/LB

PINS INPUT:

- Pin: Low Beam;
- Pin: High Beam;
- Pin: GND.



PINS OUTPUT:

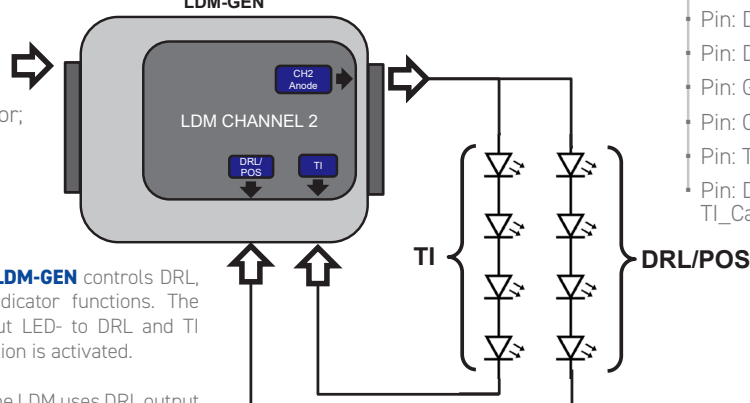
- Pin: LB_PTC;
- Pin: LB_BIN;
- Pin: GND;
- Pin: GND;
- Pin: HB_Tap;
- Pin: LB_Anode.

The **channel 1** of the **LDM-GEN** controls Low and High Beam functions. The LDM switch the HB LED module to ground when High Beam function is activated.

LDM CHANNEL 2 DRL/POS/TI

PINS INPUT:

- Pin: DRL;
- Pin: Position;
- Pin: Turn Indicator;
- Pins GND.



PINS OUTPUT:

- Pin: DRL_PTC;
- Pin: DRL_BIN;
- Pin: GND;
- Pin: CH2_Anode;
- Pin: TI_Cathode;
- Pin: DRL/
TI_Cathode .

The **channel 2** of the **LDM-GEN** controls DRL, Position and Turn Indicator functions. The LDM switch the output LED- to DRL and TI when the related function is activated.

For Position function the LDM uses DRL output dimmed with PWM (Duty cycle 10%).