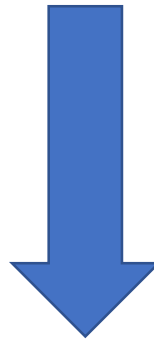
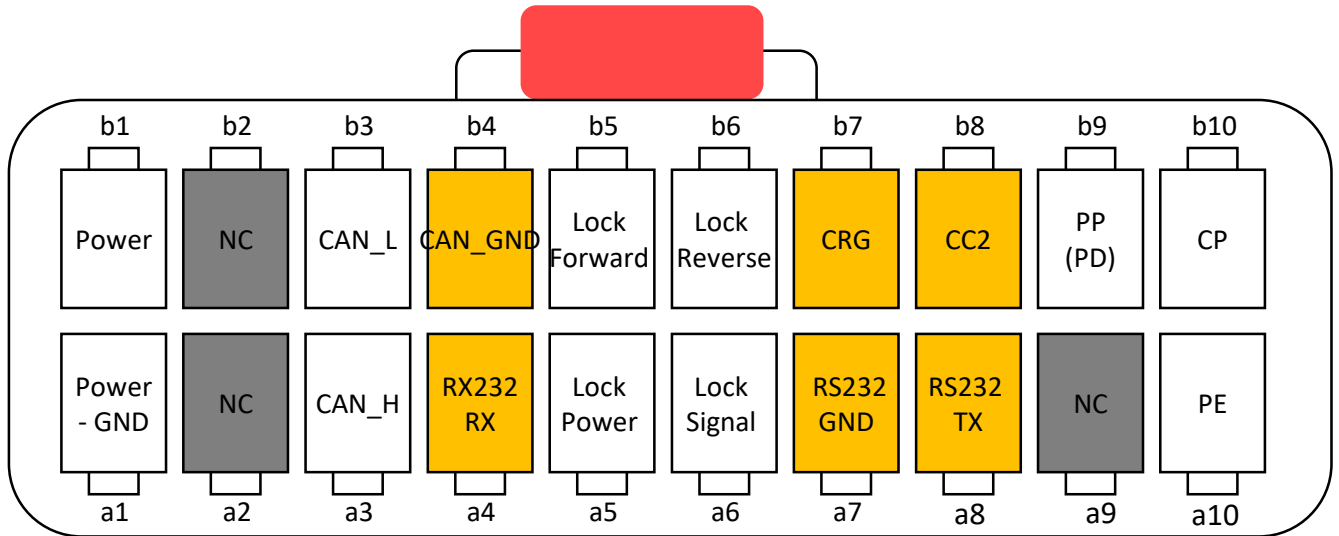


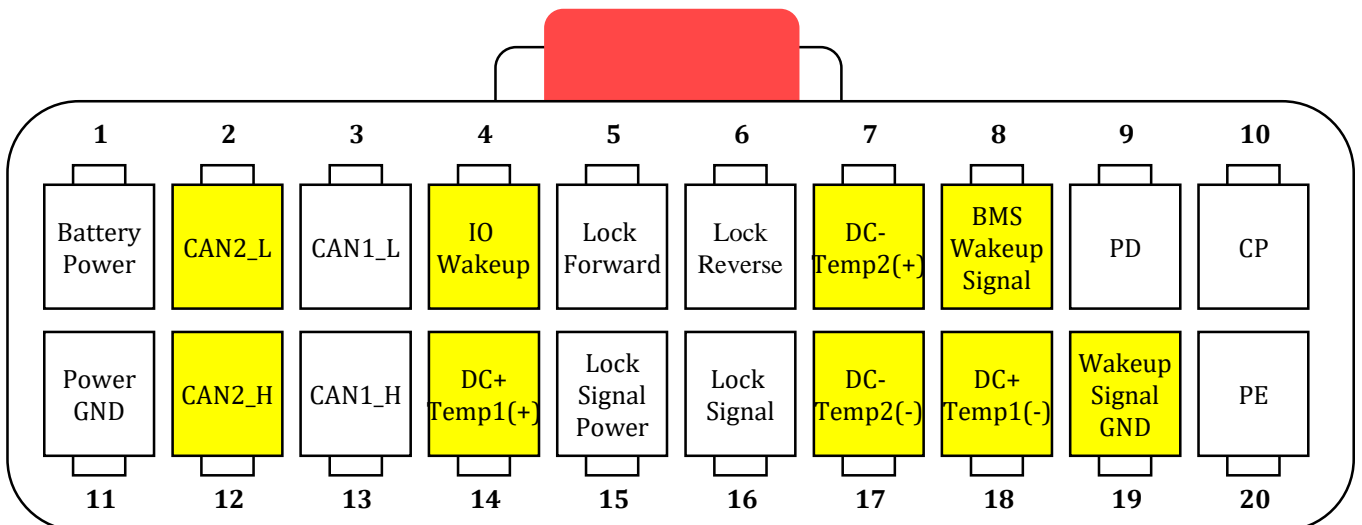
# Pin Map Comparison

## GQEVPLC-V3.3



- One more CAN Channel : CAN2
- IO Wakeup pin added
- Inlet temperature monitoring added: 2-CH
- Two pins of CRG and CC2 replaced by one pin of BMS wakeup signal
- RS232 removed

## GQEV5020

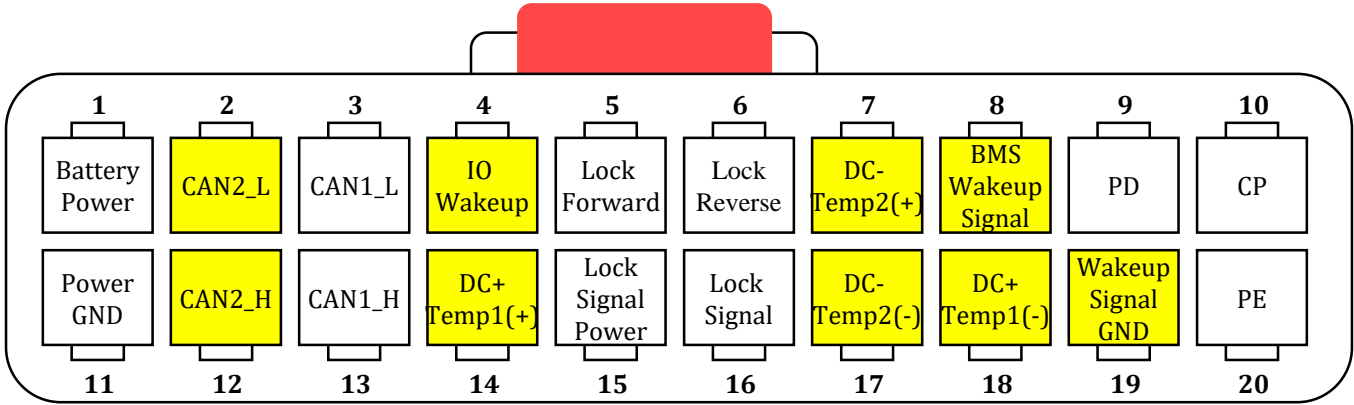


# GQEV5020 Pin Map



## Rear View

Molex 20-pin connector  
P/N: 33472-2006



Pin No	Description	Pin No	Description
1	Battery Power (DC12V, DV24V)	11	Battery Power GND
2	CAN2_Low	12	CAN2_High
3	CAN1_Low	13	CAN1_High
4	I/O wakeup (12V High)	14	DC+ Temp1(+)
5	Lock Forward	15	Lock Signal Power
6	Lock Reverse	16	Lock Signal
7	DC- Temp2(+)	17	DC- Temp2(-)
8	Wakeup signal (12V)	18	DC+ Temp1(-)
9	PP(PD, Proximity Detection)	19	Wakeup signal GND
10	CP (Control Pilot)	20	PE

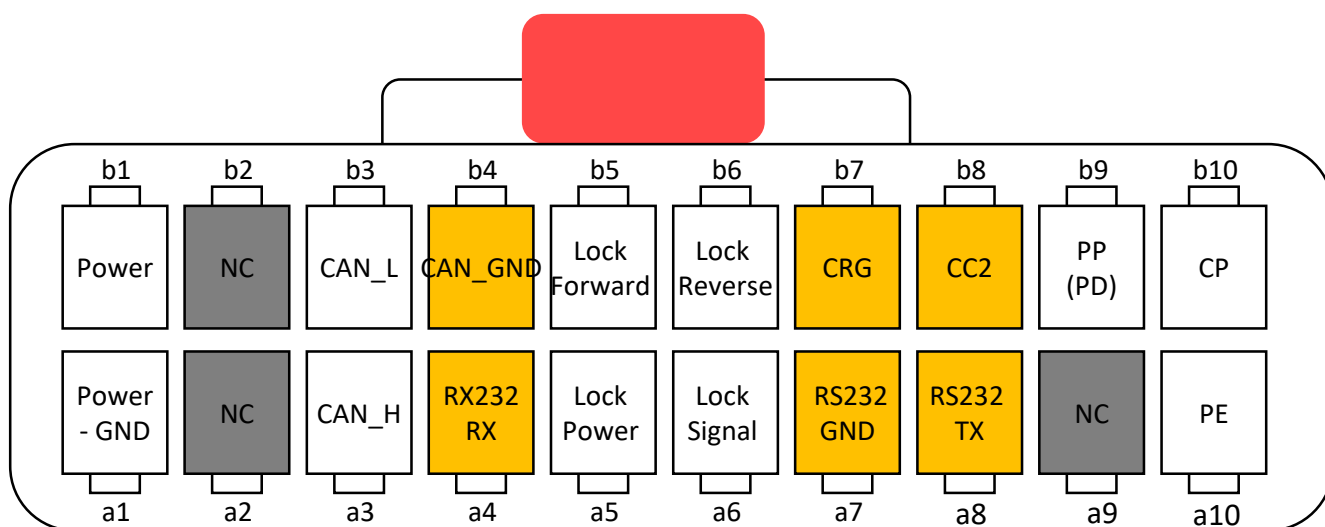
# GQEVPLC-V3.3 Pin Map



## Rear View

Molex 20-pin connector

P/N: 33472-2006



Pin No	Description	Pin No	Description
B1	Power IN	A1	Power GND
B2	NC	A2	NC
B3	CAN Low	A3	CAN High
B4	CAN GND	A4	RS232 RX (debugging)
B5	Lock Forward	A5	Lock Power
B6	Lock Reverse	A6	Lock Signal
B7	CRG-optional	A7	RS232 GND
B8	CC2-optional	A8	RS232 TX (debugging)
B9	PD/PP-optional	A9	NC
B10	CP (Control Pilot)	A10	PE