CAN Packet

need 2 frames

voltage, currents

* data: Motor_Controller_K1 → MOTOR_CONTROLLER_K1
  _K2 → 10F8109A
  K2
  10F8108D

✓ handler: hfcan3

✓ id: CAN_ID_EXT

✓ data length: start_frame.data_length = 0; request frame sent empty

start_frame.rtr = 1;

put mock data in recieve

Kelly

Frame 1:
DRIVING_DIRECTION_K
MOTOR_SPEED_K
MOTOR_ERROR_CODE_K

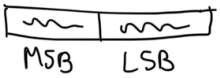
Frame 2:
BATTERY_VOLTAGE_K
BATTERY_CURRENT_K
MOTOR_TEMP_K
MOTOR_CONTROLLER_TEMP_K

2 seperate CAN Frames

All have their own id, start, end

hcan = ...
id = ...

data[0] = 0 1 2
data[1] = ...



u_int_8

Make variations

\

K1:

N 00000000

F 0000 0001 Direction

R 00000010

4 B

Speed - 2 Bytes ~~0101~~ 01 10101011

Error code: 00000000 687

K2:

8 { 2Byte barter Voltage 986687

2 Byte motor current

2 Byte motor temp

2 Byte controller temp

7 6 5 4 3 2 1 0

0 0 0 0 0 0 0

Normal Voltage: 24-144V <173V max

Normal Current: 240-360A <600A max

Normal Temp: -40 to 90°C <100°C max

First Packet

Reserve Error Code RPM Direction

K1: 0x 00000000 00 138801

K2: 0x 0320 0320 0B90 03E8

controller temp

motor temp

motor current

battery V