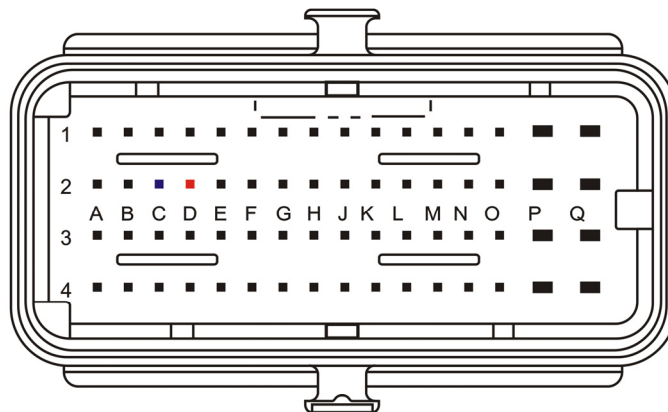AIM Infotech

GET HPUH ECU

Release 1.01

AIM

This tutorial explains how to connect Get HPUH to AIM devices.

1
CAN communication setup

Get HPUH ECU communicates using the CAN Bus on the front 64 pins connector. Here below are the 64 pins connector and the connection table.

64 pins Connector pin	Pin function	AIM cable label
C2	CAN Low	CAN-
D2	CAN High	CAN+

2
AIM device configuration

Before connecting the ECU to AiM device set this up using AiM Race Studio software. The parameters to selec tin the device configuration are:

• ECU manufacturer "Get"
• ECU Model "HPUH";

3
Available channels

Channels received by AIM devices connected to "Get" "HPUH" are:

ID	CHANNEL NAME	FUNCTION
ECU_1	ECU_RPM	RPM
ECU_2	ECU_SPEED1	Speed 1
ECU_3	ECU_SPEED2	Speed 2
ECU_4	ECU_TPS	Throttle position sensor
ECU_5	ECU_TH2O	Engine cooling temperature
ECU_6	ECU_TAIR	Intake air temperature
ECU_7	ECU_TOIL	Oil temperature
ECU_8	ECU_MAP	Manifold air pressure
ECU_9	ECU_BARO	Barometric pressure
ECU_10	ECU_LAMBDA1AVG	Lambda 1 Average value
ECU_11	ECU_LAMBDA1RAW	Lambda 1 raw value
ECU_12	ECU_LAMBDA2AVG	Lambda 2 Average value
ECU_13	ECU_LAMBDA2RAW	Lambda 2 raw value
ECU_14	ECU_KLAMBDA1	Lambda 1 counter
ECU_15	ECU_KLAMBDA2	Lambda 2 counter
ECU_16	ECU_VBB1	Battery supply 1
ECU_17	ECU_VBB2	Battery supply 2
ECU_18	ECU_VBB3	Battery supply 3
ECU_19	ECU_INJ_LOW	Low ignition time
ECU_20	ECU_SPARK1	Spark angle 1
ECU_21	ECU_PHASE_LOW	Low cylinder phase
ECU_22	ECU_PHASE_HIGH	High cylinder phase
ECU_23	ECU_DTPS_PLUS	Throttle position sensor max value derivative
ECU_24	ECU_DTPS_MINUS	Throttle position sensor min value derivative
ECU_25	ECU_DECAYINJ	Differential injection revs
ECU_26	ECU_DECAYIGN	Differential ignition revs
ECU_27	ECU_REVCNT	Rev counter