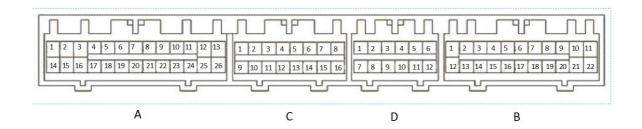


Mitsubishi Lancer Evolution 4-8(260) S6PnP

Below is the I/O Schedule for the Mitsubishi Lancer Evolution 4-8(260) S6PnP Carrier Board:

Four connectors, A 26 pin, B 22 pin, C 16 pin, D 12 pin -- Pins viewed looking BACK of OEM Connectors



FUEL1 Fuel Injector 1 (A1)

FUEL2 Fuel Injector 2 (A14)

FUEL3 Fuel Injector 3 (A2)

FUEL4 Fuel Injector 4 (A15)

FUEL5 Alternator G (C3) [Injector 5]

FUEL6 I/C Spray Relay (D5) [Injector 6]

FUEL7 A/C Fan Lo & A/C Fan Hi (C4 & C2)

FUEL8 A/C Relay (A8 / A22) [Injector 8]

FUEL9 MAF Reset (A19) [Exhaust MiVEC]

FUEL10 Fuel Pressure Solenoid (A3) [Inlet MiVEC]

FUEL11 Secondary Air (A6 / D3)

FUEL12 Lambda Geater (D10 / D4 / UEGO)

FUEL13 Tacho (D8)

FUEL14 Wastegate (A11)

FUEL15 Rad Fan Speed (A21 / A20)

FUEL16 Fuel Pump (A8 / A22)

IGN1 Ignition 1/4 (A10) / TTL1 [Ignition 1]

IGN2 Ignition 2/3 (A23) / TTL2 [Ignition 2]

IGN3 I/C Spray Light (C5) / TTL3 [Ignition 3]

IGN4 Fuel Pump Speed (C9) / TTL4 [Ignition 4]

IGN5 MIL Light (C6) / TTL5 [DBW Control]

IGN6 Idle (A4 / A5 / A17 / A18) / TTL6 [Linear Idle]

External Knock Sensor Wiring

Knock Signal - B8 Knock Ground - B9 AB1 Idle Switch / ACD/AYC Signal (B17) [Fuel Pressure / NSF Wheel Speed / Pedal Position]

AB2 Steering Switch (C7) [Oil Pressure / OSF Wheel

Speed/ Pedal Position]

AB3 I/C Spray Manual (B21) [Other sensor / NSR

Wheel Speed / Pedal Position]

AB4 Clutch Switch (C13) [Other sensor / OSR Wheel

Speed / Pedal Position]

AU1 Crank Signal (B19)

AU2 Cam Signal (B18) [Exhaust MiVEC]

AU3 Road Speed (B16) [Other Voltage / Other

Speed Sensor]

AU4 Airflow Signal (B20) [Inlet MiVEC / Turbo Speed

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AV1 Throttle (B14)

AV2 Baro Pressure (B15) [MAP]

AV3 Lambda Signal (B6 / B5) [Pedal Position / Other

Sensor1

AV4 A/C Request (C15) [Throttle B]

AR1 Coolant Temp (B13)

AR2 Air Temp (B2)

AR3 Alternator FR (C11) [Oil Temperature / ALS

Switch]

AR4 I/C Spray Auto (C14) [Calibration Switch]

There are also jumpers on the reverse side which should be set as follows:

RESERVED - Should be CLOSED

STEP1 - Should be set to SEQ if using a stepper motor for idle. Can be set to IGN6 if using linear idle, then IGN6 is buffered and presented on STEP1 (A4)

SAS/EGR - Should be set to A6 for all models except EVO 7, where it may be set to D3 if a SAS solenoid is connected to the D3 pin

FAN SLV - Should be CLOSED for EVO4-6 and OPEN for EVO7 & EVO8(260)

LAM HTR - Should be set to OEM unless an NTK UEGO sensor is plugged into the UEGO socket, then it should be set to UEGO.

IGN BUF (C9) - Should be CLOSED unless IGN4 is to be used as a TTL output (eg for sequential ignition)

AIR CON - Should be set to A8 on EVO8(260) and to A22 on all other models

FUEL PUMP - Should be set to A22 on EVO8(260) and to A8 on all other models

IGN BUF (C5) - Should be CLOSED unless IGN3 is to be used as a TTL output (eg for sequential ignition)

ALM / GND - Should be CLOSED on EVO8(260) and OPEN on all other vehicles

IGN BUF (C8) - Typo, should read (C6) - Should be CLOSED unles IGN5 is to be used as a TTL output (eg control signal for DBW)

IGN TO TTL1 - Should be OPEN unless IGN1 is to be fed out the TTL header (eg bundle of IGN1-4 to CDI module). If closed DO NOT USE A10

IGN TO TTL2 - Should be OPEN unless IGN2 is to be fed out the TTL header (eg bundle of IGN1-4 to CDI module). If closed DO NOT USE A23

IGN TO TTL3 - Should be OPEN unless IGN3 is to be fed out the TTL header (eg bundle of IGN1-4 to CDI module). If closed, IGN BUF (C5) should be open

IGN TO TTL4 - Should be OPEN unless IGN4 is to be fed out the TTL header (eg bundle of IGN1-4 to CDI module). If closed, IGN BUF (C9) should be open

IGN TO TTL5 - Should be OPEN unless IGN5 is to be fed out the TTL header (eg control signal for DBW H-Brdige). If closed IGN BUF (C8) should be open

IGN TO TTL6 - Should be OPEN unless IGN6 is to be fed out the TTL header (eg fuel pump PWM controller). If closed then do not use STEP1-4 outputs, lack of the correct drive signal on IGN6 will prevent the stepper drive working correctly.

LAM HTR - Should be set to FRONT unless the rear sensor is to be used (only on EVO7 & EVO8(260)).

LAM SIG - Should be set to FRONT unless the rear sensor is to be used (only on EVO7 & EVO8(260)).