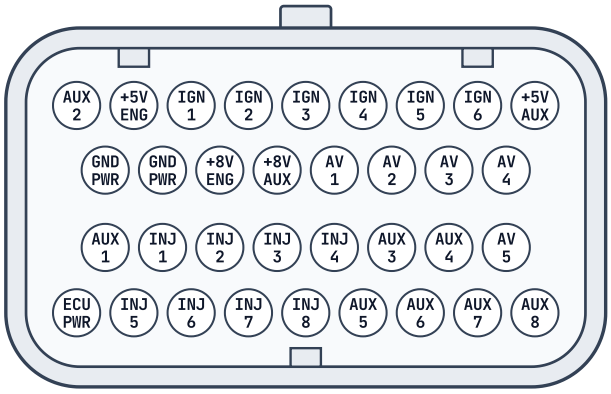
MoTeC M84 pinout

ecurecovery.com/pinouts/motec/m84 · Every pin checked against 2 MoTeC documents · data checked 2026-11-01

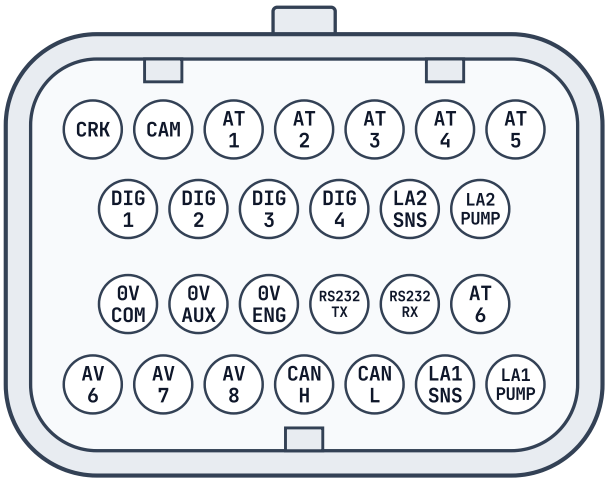
Connector A · 34-pin

LOOKING INTO THE CONNECTOR ON THE ECU



Connector B · 26-pin

LOOKING INTO THE CONNECTOR ON THE ECU



MoTeC M84 connector A pinout (34-pin)

Mating connector: MoTeC #65044 (34 pin waterproof connector)

Pin	Function
A1	Auxiliary Output 2 (AUX2)
A2	Sensor 5V (5V-ENG)
A3	Low Side Ignition 1 (IGN1)
A4	Low Side Ignition 2 (IGN2)
A5	Low Side Ignition 3 (IGN3)
A6	Low Side Ignition 4 (IGN4)
A7	Low Side Ignition 5 (IGN5)
A8	Low Side Ignition 6 (IGN6)
A9	Auxiliary 5V (5V-AUX)
A10	Battery Negative (Ground)
A11	Battery Negative (Ground)
A12	Sensor 8V (8V-ENG)
A13	Auxiliary and CAN 8V (8V-AUX)
A14	Throttle Position Input (AV1 TP)
A15	Manifold Pressure Input (AV2 MAP)
A16	Mass Air Flow Input (AV3 MAF)
A17	Fuel Pressure Input (AV4 FP)
A18	Auxiliary Output 1 (AUX1)
A19	Injector 1 (INJ1)
A20	Injector 2 (INJ2)
A21	Injector 3 (INJ3)
A22	Injector 4 (INJ4)
A23	Auxiliary Output 3 (AUX3)
A24	Auxiliary Output 4 (AUX4)
A25	Oil Pressure Input (AV5 OP)
A26	Battery Positive (V BAT)
A27	Injector 5 (INJ5)
A28	Injector 6 (INJ6)

Pin	Function
A29	Injector 7 (INJ7)
A30	Injector 8 (INJ8)
A31	Auxiliary Output 5 (AUX5)
A32	Auxiliary Output 6 (AUX6)
A33	Auxiliary Output 7 (AUX7)
A34	Auxiliary Output 8 (AUX8)

MoTeC M84 connector B pinout (26-pin)

Mating connector: MoTeC #65045 (26 pin waterproof connector)

Pin	Function
B1	Crank Reference Input (REF)
B2	Cam Sync Timing Input (SYNC)
B3	Air Temp input (AT1 AT)
B4	Engine Temp input (AT2 ET)
B5	User Analog Temp Input (AT3 User2)
B6	Switch Input 4 (AT4 SW)
B7	Switch Input 5 (AT5 SW)
B8	Left Drive Speed (DIG1)
B9	Right Drive Speed (DIG2)
B10	Left Ground Speed (DIG3)
B11	Right Ground Speed (DIG4)
B12	Lambda2 Sensor input (LA2-S)
B13	Lambda2 Pump Current (LA2-P)
B14	Comms 0V (0V-Comms)
B15	Auxiliary 0V (0V-AUX)
B16	Sensor 0V (0V-ENG)
B17	RS232 Transmit Data (TX-232)
B18	RS232 Receive Data (RX-232)
B19	Switch Input 6 (AT6 SW)
B20	Analog Voltage Input 6 (AV6)
B21	Analog Voltage Input 7 (AV7)
B22	Analog Voltage Input 8 (AV8)
B23	CAN Comms High (CAN_HI)
B24	CAN Comms Low (CAN_LO)
B25	Lambda1 Sensor Input (LA1-S)
B26	Lambda1 Pump Current (LA1-P)

Where this comes from

MoTeC datasheet

M84 ECU datasheet (MoTeC part 13084)

MoTeC user's manual (pin list by function)

M84 User's Manual, Appendix L: Pin list by Function