



AiM Infotech

Link G3 with Vipec communication protocol

Release 1.00



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Channels received by AIM loggers connected to Link G3 with Vipec ECU are:

ID	CHANNEL NAME	FUNCTION
ECU_1	G3_RPM	RPM
ECU_2	G3_MAP	Manifold air pressure
ECU_3	G3_MGP	Manifold gas pressure
ECU_4	G3_BAROMETRIC	Barometric pressure
ECU_5	G3_TPS	Throttle position sensor
ECU_6	G3_DUTY_CYCLE	Duty cycle
ECU_7	G3_DUTY_CYC(S)	Duty cycles
ECU_8	G3_INJ_PW	Injection power
ECU_9	G3_ECT	Engine cooling temperature
ECU_10	G3_IAT	Intake air temperature
ECU_11	G3_BATT_VOLT	Battery supply
ECU_12	G3_WIDE_BAND1	Lambda probe 1
ECU_13	G3_WIDE_BAND2	Lambda probe 2
ECU_14	G3_GEAR	Engaged gear
ECU_15	G3_FUEL_TEMP	Fuel temperature
ECU_16	G3_INJ_ANGLE	Injection angle
ECU_17	G3_IGN_ANGLE	Ignition angle
ECU_18	G3_CAM_INL_LH	Camshaft inlet position left hand
ECU_19	G3_CAM_INL_RH	Camshaft inlet position right hand
ECU_20	G3_CAM_EXH_LH	Camshaft Exhaust position left hand
ECU_21	G3_CAM_EXH_RH	Camshaft Exhaust position right hand
ECU_22	G3_KNOCK_LEVEL	Knocking level
ECU_23	G3_MAF	Mass air flow
ECU_24	G3_MAF_VOLT	Mass air flow voltage
ECU_25	G3_GPTemp_AN1	Generic temperature sensor channel 1
ECU_26	G3_GPTemp_AN2	Generic temperature sensor channel 2
ECU_27	G3_GPTemp_AN3	Generic temperature sensor channel 3
ECU_28	G3_GPTemp_AN4	Generic temperature sensor channel 4
ECU_29	G3_GPPress_AN1	Generic pressure sensor channel 1
ECU_30	G3_GPPress_AN2	Generic pressure sensor channel 2
ECU_31	G3_GPPress_AN3	Generic pressure sensor channel 3

ECU_32	G3_GPPress_AN4	Generic pressure sensor channel 4
ECU_33	G3_GPPress_AN5	Generic pressure sensor channel 5
ECU_34	G3_GPPress_AN6	Generic pressure sensor channel 6
ECU_35	G3_DI_SPEED1	Generic speed channel 1
ECU_36	G3_DI_SPEED2	Generic speed channel 2
ECU_37	G3_DI_SPEED3	Generic speed channel 3
ECU_38	G3_DI_SPEED4	Generic speed channel 4
ECU_39	G3_DI_SPEED5	Generic speed channel 5
ECU_40	G3_DI_SPEED6	Generic speed channel 6
ECU_41	G3_KNOCK_COUNT	Knocking counter
ECU_42	G3_DWELL_TIME	Coil dwell time
ECU_43	G3_OV_VOLT_LIM	Over voltage limiter 1=active - 2=not active
ECU_44	G3_OV_FUEL_LIM	Over run fuel cut 1=active - 2=not active
ECU_45	G3_VOLTAGE_LIM	Voltage limit 1=active - 2=not active
ECU_47	G3_MAX_IGN_LIM	Max ignition limiter 1=active - 2=not active
ECU_48	G3_SPEED_LIM	Speed limiter 1=active - 2=not active
ECU_49	G3_MAP_LIM	Manifold air pressure limit 1=active - 2=not active
ECU_50	G3_RPM_LIM	RPM limit 1=active - 2=not active
ECU_57	G3_LCH_RPM_LIM	Launch RPM limit 1=active - 2=not active
ECU_58	G3_UN_VOLT_LIM	Under voltage limit 1=active - 2=not active
ECU_59	G3_TG1_ERR_CNT	Trig 1 error counter
ECU_60	G3_TG2_ERR_CNT	Trig 2 error counter