

Connector 1 pinout

	A	B	C	D	E	F	G	H	J	K	L	M
1	RPM2	GND RPM	RS 232 RX		AUX 6	VTemp	GND Vtemp	Ign Cut	Neutral	3.3V travel	Travel 4	GND travel
2	RPM3	GND RPM	RS 232 TX		GND Aux 6	BrakeP2	GND BrakeP2	GND GearPAn	GND SpeedP	3.3V travel	Travel 3	GND travel
3	RPM4	GND RPM	GND RS232	GND CAN	AUX 7	VTemp2	GND Vtemp 2	GearPosAn	SpeedPos	3.3V travel	Travel 1	GND travel
4	RPM1	GND RPM	ECU AUX 1	ECU AUX 2	GND Aux 7	BrakeP	GND BrakeP	3.3V GearPAn	3.3V SpeedP	3.3V travel	Travel 2	GND travel

Connector 1 MCU pins

	A	B	C	D	E	F	G	H	J	K	L	M
1	PD3		PD6		PE6	PC2		PE7	PE8		PA6	
2	PD4		PD5			PA1					PA5	
3	PC12				PE5	PC3		PC0	PA2		PA3	
4	PD2		PE6	PC13		PA0					PA4	

Connector 2 pinout

	A	B	C	D	E	F	G	H	J	K	L	M
1	BITE	GND Gyro	Oil Pressure	AUX 1	AUX 2	GND Aux 2	GND Gencode	HB-INA	GND HB	GND relay	ISO. I/O	ISO. I/O
2	Gsens	GND FuelT	FuelTemp	GND Aux 1	AUX 3	GND Aux 3	Gear Encode 1	HB-CS	HB-EN2		ISO. I/O	ISO. I/O
3	Yaw	GND BrakePot	Brake-pot	3.3V BrakePot	AUX 4	GND Aux 4	Gear Encode 2		HB-PWM	HB-MD	ISO. I/O	ISO. I/O
4	12V Gyro	GND ClutchPot	Clutch-pot	3.3V ClutchPot	AUX 5	GND Aux 5	3.3V Gencode	GND DAC	HB-EN1	HB-INB	12V Mains	GND Chassy

Connector 2 MCU pins

	A	B	C	D	E	F	G	H	J	K	L	M
1	PE10		PE13	PE9	PE14			PD8			PC7	PC6
2	PA7		PC5		PE15		PE11	PC1	PD12		PC9	PC8
3	PC4		PB0		PB10		PE12		PD11	PD14	PA9	PA8
4			PB1		PB11				PD10	PD13		

ADC input	INT input	I/O input	CAN	ISO. I/O	DAC	RS 232
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