

# VCU SIGNAL

	A	B	C	D	E	F	G	H	J	K	L	M
1	CAN1H	CAN3H	.	TX2	ISO5 IN	THR1	.	ISO1 IN	OUT 8	OUT 9	12V	OUT 4
2	CAN1L	CAN3L	.	RX2	ISO6 IN	THR2	.	ISO2 IN	OUT 7	OUT 10	GND	OUT 3
3	CAN2H	.	.	.	ISO7 IN	.	.	ISO3 IN	OUT 6	OUT 11	5V OUT	OUT 2
4	CAN2L	.	.	.	ISO8 IN	.	.	ISO4 IN	OUT 5	OUT 12	3V3 OUT	OUT 1

# WIRING COLOUR

	A	B	C	D	E	F	G	H	J	K	L	M
1	Bl	Gn	.	10		Gy/Ye	.	Ye/Bl	Wh/Ye	Ye/Bk	Rd	Vi/Wh
2	Wh	Gy	.	11	Gn/Ye	Gy/Bl	.	Rd/Ye		14	Bl	Ye/Bk
3	Bl/bk	.	.	.	Ye	.	.	Gy	Br/Ye	15	Bk	Gn/Bl
4	Wh	.	.	.	Gn/Ye	.	.	Vi/Bl	Wh/Bl	16	,	Bk/Gy

# VCU FUNCTION

	A	B	C	D	E	F	G	H	J	K	L	M
1	CAN1H	CAN3H	.	TX2	HEATER	THR1	,	FWD IN	DCDC	TEMP SIGNAL	12V	BRK LIGHT
2	CAN1L	CAN3L	.	RX2	SPORT	THR2	,	START	SPEEDO	RED LED	GND	DC+ CONTACTOR
3	CAN2H	.	.	.	IGNITION	,	,	BRAKE IN	FAN	GREEN LED	5V	PRECHARGE
4	CAN2L	.	.	.	PP	,	,	REV IN	PUMP	REVERSE LED	3V3	DC- CONTACTOR

# MINI-E VCU front view connector



Front view

MOLEX 5007620481

	A	B	C	D	E	F	G	H	J	K	L	M
1	CAN1_H	CAN3_H	NC	TX2	MAP2_ECO	POT1	NC	FWD	DC-DC ENABLE	TEMP GAUGE	12V	BRAKE LIGHTS
2	CAN1_L	CAN3_L	NC	RX2	MAP3_SPORT	POT2	NC	START	Out7 NC	RED LED	GND	DRIVE CON. (HV+)
3	CAN2_H	NC	NC	NC	IGNITION	NC	NC	BRAKE	FAN	GREEN LED	5V	PRE CHARGE CON.
4	CAN2_L	NC	NC	NC	PP DETECT	NC	NC	REV	PUMP	REV. LIGHTS	3.3V	NEG CON. (HV-)

