

	M	L	K	J	I	H	G	E	D	C	B	A
4	AM4	AL4	AK4	AJ4	AH4	AG4	AF4	AE4	AD4	AC4	AB4	AA4
3	AM3	AL3	AK3	AJ3	AH3	AG3	AF3	AE3	AD3	AC3	AB3	AA3
2	AM2	AL2	AK2	AJ2	AH2	AG2	AF2	AE2	AD2	AC2	AB2	AA2
1	AM1	AL1	AK1	AJ1	AH1	AG1	AF1	AE1	AD1	AC1	AB1	AA1

	A	B	C	D	E	F	G	H
1	BA1	BB1	BC1	BD1	BE1	BF1	BG1	BH1
2	BA2	BB2	BC2	BD2	BE2	BF2	BG2	BH2
3	BA3	BB3	BC3	BD3	BE3	BF3	BG3	BH3
4	BA4	AB4	BC4	BD4	BE4	BF4	BG4	BH4



View into connector pins

RABBIT ECU V1.4 RA2

Pin	Name	Internal	Description	Pin	Name	Internal	Description
AA1	ANALOG-1	EH_IO_ADD8	Analog input with pullup (PPSS)	BA1	ANALOG-5	EH_IO_ADD12	Analog Input (PPSM)
AA2	ANALOG-2	EH_IO_ADD7	Analog input with pullup (TPSS)	BA2	ANALOG-6	EH_IO_ADD11	Analog input (DO NOT USE DUE, RPS)
AA3	ANALOG-3	EH_IO_ADD6	Analog input with pullup (CTS)	BA3	ANALOG-7	EH_IO_ADD10	Analog input (MAP/AFM)
AA4	ANALOG-4	EH_IO_ADD5	Analog input with pullup (ATS)	BA4	ANALOG-8	EH_IO_ADD9	Analog input (TPS)

The analog assignments above are recommended defaults. They can be altered in settings.

AB1	GROUND		Input	BB1	EXTC-7		Expansion
AB2	EXTA-4		Expansion	BB2	EXTC-6		Expansion
AB3	EXTB-15		Expansion	BB3	EXTC-5		Expansion
AB4	GROUND		Input	BB4	EXTC-8		Expansion
AC1	EXTB-9		Expansion	BC1	INJ-DH		Low Side highZ injector output
AC2	EXTA-1		Expansion	BC2	INJ-CG		Low Side highZ injector output

AC3	EXTB-8	Expansion	BC3	INJ-AE	Low Side highZ injector output
AC4	EXTB-7	Expansion	BC4	INJ-BF	Low Side highZ injector output
AD1	EXTC-4	Expansion	BD1	NC	
AD2	EXTC-3	Expansion	BD2	EXTB-10	Expansion
AD3	CRANK+	Input	BD3	EXTB-16	Expansion
AD4	CAM+	Input	BD4	EXTB-5	Expansion
AE1	UEGO H-	Low Side	BE1	NC	
AE2	EXTA-3	Expansion	BE2	NC	
AE3	UEGO Vp	Signal	BE3	EXTB-18	Expansion
AE4	UEGO Vs	Input	BE4	EXTB-6	Expansion
AF1	GROUND	Input	BF1	NC	
AF2	UEGO Vg	Output	BF2	EXTB-17	Expansion
AF3	CAN1-H	I/O	BF3	EXTB-11	Expansion
AF4	CAN1-L	I/O	BF4	EXTB-12	Expansion
AG1	MOTOR-1N	Push Pull (IGT-C DUE)	BG1	12V POWER	Input
AG2	MOTOR-2N	Push Pull (IGT-D DUE)	BG2	GROUND	Input

AG3	MOTOR-3N	Push Pull (IGT-E DUE)
AG4	MOTOR-4N	Push Pull (IGT-F DUE)
AH1	MOTOR-2P	Push Pull (IGT-H DUE)
AH2	MOTOR-1P	Push Pull (IGT-G DUE)
AH3	MOTOR-4P	Push Pull (IGT-B DUE)
AH4	MOTOR-3P	Push Pull (IGT-A DUE)
AJ1	RELAY-3	Low Side
AJ2	RELAY-2	Low Side
AJ3	RELAY-1	Low Side
AJ4	RELAY-4	Low Side
AK1	RELAY-7	Low Side
AK2	RELAY-8	Low Side
AK3	RELAY-5	Low Side
AK4	RELAY-6	Low Side
AL1	GROUND	Input
AL2	GROUND	Input

BG3	EXTB-4	Expansion
BG4	EXTB-3	Expansion
BH1	12V POWER	Input
BH2	GROUND	Input
BH3	12 POWER SIG	Input
BH4	POWER RELAY	Low Side

Firing order A-B-C-D-E-F-G-H

EXTA, EXTB AND EXTC are internal expansion connectors. They can be used to connect to optional expansion daughter boards, or DIY projects.

AL3	5V REF	Output
AL4	EXTA-8	Expansion
AM1	EXTA-5	Expansion
AM2	EXTA-6	Expansion
AM3	5V REF	Output
AM4	EXTA-7	Expansion