



ECU Pin Assignments for ST215 Caldina. - 3S-GTE

Block	Pin	Assignment	Description	Wire Colour
A	1	#10	Injector #1	Black -
A	2	#20	Injector #2	Black-White -
A	3	#30	Injector #3	Green-Yellow -
A	4	#40	Injector #4	Black-Yellow -
A	5	(SLT-)	(?)	Brown-White - -
A	6	(SLT+)	(?)	Green-White - -
A	7	(SL1-)	(?)	Light Green - -
A	8	(SL2+)	(?)	Pink-Black - -
A	9	(SL1+)	(?)	Violet - -
A	10	IGT1	Ignitor #1	Yellow-Black
A	11	IGT2	Ignitor #2	Red-Blue
A	12	IGT3	Ignitor #3	Blue-White
A	13	IGT4	Ignitor #4	White-Blue
A	14	(NC+)	(?)	Blue - -
A	15	(NT-)	(?)	Red - -
A	16	(NT+)	(?)	Black - -
A	17	-	Not Used	
A	18	RSO	Idle Speed Control	Black -
A	19	(DSL)	(?)	Blue-Red - -
A	20	(SL2-)	(?)	Light Green-Red - -
A	21	EO1	Earth (Engine)	Brown -
A	22	FPU	Fuel Pressure VSV	Pink -
A	23	-	Not Used	
A	24	-	Not Used	
A	25	-	Not Used	
A	26	(NC-)	(?)	Green -
A	27	KNK	Knock Detector	White Shielded
A	28	CF/FAN	Cooling Fan	Blue-Red -

A	29	(S4)	(?)	Red-White - -
A	30	-	Not Used	
A	31	EO2	Earth (Engine)	Brown -
B	1	-	Not Used	
B	2	VC	+5v	Light Green-Red
B	3	HT	Oxygen Sensor Heater	Black-Yellow
B	4	PRG	Evap Purge valve	Black-Orange -
B	5	-	Not Used	
B	6	SPC	Turbo VSV	Blue-Black -
B	7	FPR	Fuel Pump Relay	Black-Red -
B	8	STA	Start	Black-White - -
B	9	ION1	Ignitor #1 Signal Return	Yellow
B	10	ION2	Ignitor #2 Signal Return	Yellow-Black
B	11	PIM	Manifold Pressure	Green-Black
B	12	OX1	Oxygen Sensor	Black
B	13	(THO)	Transaxle Oil Temp	Orange - -
B	14	THW	Engine Water Temperature	White -
B	15	G2+	Cam Position Sensor	Black-White
B	16	NE+	Crankshaft Position Sensor	Black-White
B	17	E1	Earth	Brown -
B	18	E2	Earth	Brown -
B	19	ION3	Ignitor #3 Signal return	Yellow-Green
B	20	ION4	Ignitor #4 Signal return	Yellow-Red
B	21	-	Not Used	
B	22	THA	Intake Air temp	Red-Blue -
B	23	VTA	Throttle Position	Light Green
B	24	NE-	Cam/Crank Position Sensor Earth	Blue
C	1	(D)	Drive	Light Green-Black -
C	2	(R)	Reverse	Red-Black -
C	3	(2)	2	Light Green-Red - -
C	4	-	Not Used	
C	5	TC	Check Connector (12v)	Pink-Black - -
C	6	(STP)	Stop Light	Green-White -
C	7	(2LP)	(?)	Red - -
C	8	(1LP)	(?)	Green-White - -

C	9	(OLP)	(?)	Violet - -
C	10	(OD2)	(?)	Black - -
C	11	-	Not Used	
C	12	(L)	Shift Lever in L position	Light Green - -
C	13	ACT	Air Conditioning ?	Light Green-Black - -
C	14	THWO	Water Temp Output?	Yellow-Red - -
C	15	-	Not Used	
C	16	(SPTL)	(?)	Orange - -
C	17	BPC+	 	Pink -
C	18	(SPT)	Manual Shift Mode Switch	Red-Black - -
C	19	(THOL)	Transmission Oil Overheat	Orange-Yellow -
C	20	NSW	Neutral Start Switch	Black-White - -
C	21	-	Not Used	
C	22	SPD	Speed	Violet - -
C	23	-	Not Used	
C	24	-	Not Used	
C	25	AC	Air Conditioning Demand	Yellow-Green - -
C	26	BPC-	 	Brown -
C	27	TACH	Tachometer	Black - -
C	28	-	 	
D	1	BATT	Battery +	Black-Red ** -
D	2	-	Not Used	
D	3	FC	Circuit Opening Relay	Green-Red - -
D	4	(DLP)	Shift Lever in Drive	Light Green-Black -
D	5	-	Not Used	
D	6	W	Warning	Red-Yellow - -
D	7	PSW	Power Steering Pressure Switch	Green-Yellow -
D	8	-	Not Used	
D	9	(SFTU)	Shift Switch Up	Pink - -
D	10	THAM	Intake manifold Temperature	Green -
D	11	SIL	Check Connector (Signal)	White - -
D	12	-	Not Used	
D	13	EFI-	TRC/ABS	White - -
D	14	EFI+	TRC/ABS	Red - -
D	15	NEO	TRC/ABS	Black-Orange - -

D	16	IG+/+B	Igniton (12v)	Black-Red -
D	17	(SFTD)	Shift Switch Down	Blue-Red - -
D	18	TRC-	TRC/ABS	Blue - -
D	19	ELS	Rear Window Demister	Green-Yellow - -
D	20	(MLP)	(?)	Green-White - -
D	21	TRC+	TRC/ABS	Light Green - -
D	22	(RJT)	(?)	Yellow-Red - -
Notes:	D-1 (BATT) shows Black-Red on the wiring diagram, but is Black-Yellow on the loom (Auto)			

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A	3	#30	Injector #3	Green-Yellow
A	4	#40	Injector #4	Black-Yellow
A	5	(SLT-)	 	
A	6	(SLT+)	 	
A	7	 	 	
A	8	 	 	
A	9	 	 	
A	10	IGT1	Ignitor #1	Blue
A	11	IGT2	Ignitor #2	Red-Blue
A	12	IGT3	Ignitor #3	Blue-White
A	13	IGT4	Ignitor #4	White-Blue
A	14	-	 	
A	15	-	 	
A	16	-	 	
A	17	-	 	
A	18	RSO	Idle Speed Control	Red-White
A	19	-	 	
A	20	-	 	
A	21	EO1	Earth (Engine)	Brown
A	22	 	 	
A	23	OCV-	VVTi	Pink-Blue
A	24	OCV+	VVTi	Red

A	25	-	 	
A	26	(NC-)	 	
A	27	KNK	Knock Detector	White
A	28	CF/FAN	Cooling Fan	Blue-Red
A	29	(S4)	 	
A	30	-	 	
A	31	EO2	Earth (Engine)	Brown
B	1	EVG	Air Flow Sensor Earth	Black-Orange
B	2	VC	+5v	Light Green-Red
B	3	HT	Oxygen Sensor Heater	Black-Yellow
B	4	PRG	Evap Purge valve	Red-Yellow
B	5	-	 	
B	6	 	 	
B	7	 	 	
B	8	STA	Start	Black-White
B	9	ION1	Ignitor #1 Signal Return	Yellow
B	10	ION2	Ignitor #2 Signal Return	Yellow-Black
B	11	VG	Airflow Meter	Blue-Black
B	12	OX1	Oxygen Sensor	Black
B	13	-	 	
B	14	THW	Engine Water Temperature	White
B	15	G2+	 	Black-White
B	16	NE+	 	Black-White
B	17	E1	Earth	Brown
B	18	E2	Earth	Brown
B	19	ION3	Ignitor #3 Signal return	Yellow-Green
B	20	ION4	Ignitor #4 Signal return	Yellow-Red
B	21	-	 	
B	22	THA	Intake Air temp	Brown-White
B	23	VTA	Throttle Position	Light Green
B	24	NE-	 	Blue
C	1	(D)	Drive	
C	2	(R)	Reverse	
C	3	-	 	
C	4	-	 	

C	5	TC	Check Connector (12v)	Pink-Black
C	6	 	 	
C	7	 	 	
C	8	 	 	
C	9	 	 	
C	10	 	 	
C	11	 	 	
C	12	 	 	
C	13	ACT	Air Conditioning ?	Light Green-Black
C	14	THWO	Water Temp Output?	Yellow-Red
C	15	 	 	
C	16	 	 	
C	17	BPC+	 	Pink
C	18	 	 	
C	19	 	 	
C	20	NSW	Neutral Start Switch	Black-White
C	21	 	 	
C	22	SPD	Speed	Violet
C	23	 	 	
C	24	 	 	
C	25	AC	Air Conditioning Demand	Yellow-Green
C	26	BPC-	 	Brown
C	27	TACH	Tachometer	Black
C	28	-	 	
D	1	BATT	Battery +	Black-Red
D	2	-	 	
D	3	FC	Circuit Opening Relay	Green-Red
D	4	-	 	
D	5	 	 	
D	6	W	Warning	Red-Yellow
D	7	PSW	Power Steering Pressure Switch	Green-Yellow
D	8	 	 	
D	9	 	 	
D	10	THAM	Intake manifold Temperature	Red-Blue
D	11	SIL	Check Connector (Signal)	White

D	12	 	 	
D	13	EFI-	TRC/ABS	White
D	14	EFI+	TRC/ABS	Red
D	15	NEO	TRC/ABS	Black-Orange
D	16	IG+/+B	Igniton(12v)	Black-Red
D	17	 	 	
D	18	TRC-	TRC/ABS	Blue
D	19	ELS	Rear Window Demister	Green-Yellow
D	20	 	 	
D	21	TRC+	TRC/ABS	Light Green
D	22	 	 	
Notes:				