

					4Cyl 4BC 4Inj 6GP									
Wire Colors					Calisto ECU Layout								Wire Colors	
		Sim	Priority2	Pin Names						Pin Names	Priority2	Sim		
E61	E60	leds			P1 - 12 Way Input							leds	E60	E61
Yellow/Red	Yellow/Red			Water Sensor	Water Temp	7	1	Air Temp	Air Sensor			Yellow/Black	Yellow/Black	
Yellow/Green	Yellow/Green			Lambda Sensor	Lambda	8	2	TPS	TPS Sensor			Green/Black	Green/Black	
Red	Red			Sensors Power	.+5 Volt Out	9	3	MAP	Map Sensor			Green Red	Green Red	
Orange	Orange			12V Ignition In	.+12 Volt Ign	10	4	GND	Battery -			Black	Black	
	Blue			Cam Sensor	Cam Sensor	11	5	CAM Power	Cam Sens +			Red		
Blue	Blue			Crank Sensor	Crank Sensor	12	6	Crank Power	Crank Sens +			Red	Red	
						Internal		1.15 Bar Alt Sensor	Optional Altitude					
	E62				P2 - 10 Way Output								E62	
	Black/Red	N1		Basic Coil1	HV Negative 1	6	1	HV Negative 2	Basic Coil2		N2	Black/Purple		
	Black/Brown	N3		Basic Coil3	HV Negative 3	7	2	HV Negative 4	Basic Coil4		N4	Black/Orange		
	Black/Yellow	N5		Injector Driver 2	HV Negative 5	8	3	HV Negative 6	Injector Driver 1		N6	Black/White		
	Green	RPM		RPM Out	LV Negative 2	9	4	LV Negative 1	Relay Out		Relay	Blue/Black		
	Blue/White	N7		Injector Driver 4	HV Negative 7	10	5	HV Negative 8	Injector Driver 3		N8	Blue/Orange		
	E65				P4 - 4 Way Serial								E65	
	Blue/Red	Led1			HV Negative 9	3	1	HV Negative 10			Led2	Blue/Grey		
	Red/Black	P5			LV Positive 5	4	2	LV Positive 6			P6	Red/Blue		
E64	E63				P3 - 8 Way Output								E63	E64
Red/White	Red/White	P1	GP5	Idle Valve	LV Positive 1	5	1	LV Positive 2	Dual Idle	GP6	P2	Red/Yellow	Red/Yellow	
	Red/Orange	P3	GP1	Anti-Lag	LV Positive 3	6	2	LV Positive 4	Dual Injectors	GP2	P4	Red/Green		
Red	Red			Battery +	.+12 Volt In	7	3	.+12 Volt In	Battery +			Red	Red	
	White	GP1	GP3	Cam1	HV Negative 11	8	4	HV Negative 12	Cam2	GP4	GP2	Blue		
P05-P3	USB				6 Way USB								USB	P05-P3
Green	N/C			Variable POT	Tuning Pot	4	1	Dual Map Sw	RapidFire	FlatShift		N/C	Yellow	
Yellow	Yellow				Receive	5	2	Transmit				Green	Green	
Red	Red				.+5 Volt Out	6	3	GND				Blue	Blue	

Note!! Coil and Injector numbers used here are firing phases from the ECU. It is not the firing order on your engine. Refer to the drawings for Phase to firing order comparison.

HV Negative 1 to 12 = Negative drivers 400 Volt 42 Amp Drivers
LV Positive 1 to 6 = Positive Drivers 28 Volt 12 Amp
LV Negative 1 to 2 = Negative Drivers 100 Volt 8 Amp
An optional 1.15 Bar Altitude sensor can be soldered onto board
Basic Coil = Coil without driver - 0.5 to 0.9 Ohm Primary winding - Charges with earth signal and discharges with open signal
Smart Coil = Coil with Built in driver - Charges with positive signal and discharges with earth signal which is provided by the driver and a pull down resistor
The PCB has selectable Jumpers for Magnetic and Hall sensors
The PCB has Solder Jumpers for Pull-Up Resistors for Water Air and RPM Output signals.