

					4Cyl 4SC 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		Injector Driver 1	HV Negative 1	6	1	HV Negative 2	Injector Driver 2		N2	Black/Purple		
	Black/Brown	N3		Injector Driver 3	HV Negative 3	7	2	HV Negative 4	Injector Driver 4		N4	Black/Orange		
	Black/Yellow	N5	GP3	Cam1	HV Negative 5	8	3	HV Negative 6	Cam2	GP4	N6	Black/White		
	Green	RPM		RPM Out	LV Negative 2	9	4	LV Negative 1	Relay Out		Relay	Blue/Black		
	Blue/White	N7	GP5	Idle Valve	HV Negative 7	10	5	HV Negative 8	Dual Idle Valve	GP6	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	GP1	Anti-Lag	LV Positive 5	4	2	LV Positive 6	Dual Injectors	GP2	P6	Red/Blue		
E64	E63				P3 - 8 Way Output								E63	E64
Red/White	Red/White	P1		Smart Coil1	LV Positive 1	5	1	LV Positive 2	Smart Coil2		P2	Red/Yellow	Red/Yellow	
	Red/Orange	P3		Smart Coil4	LV Positive 3	6	2	LV Positive 4	Smart Coil4		P4	Red/Green		
Red	Red			Battery +	.+12 Volt In	7	3	.+12 Volt In	Battery +			Red	Red	
	White	GP1			HV Negative 11	8	4	HV Negative 12			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.