

					8Cyl 4BC 8Inj 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				
					P2 - 10 Way Output									
	E62												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	
					P4 - 4 Way Serial									
	E65												E65	
	Blue/Red	Led1		Injector Driver 6	HV Negative 9	3	1	HV Negative 10		Injector Driver 5		Led2	Blue/Grey	
	Red/Black	P5	GP1	AntiLag	LV Positive 5	4	2	LV Positive 6		Dual Injectors	GP2	P6	Red/Blue	
					P3 - 8 Way Output									
E64	E63												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	GP3	Cam1	LV Positive 3	6	2	LV Positive 4		Cam2	GP4	P4	Red/Green	
Red	Red			Battery +	.+12 Volt In	7	3	.+12 Volt In		Battery +			Red	Red
	White	GP1		Injector Driver 8	HV Negative 11	8	4	HV Negative 12		Injector Driver 7		GP2	Blue	
					6 Way USB									
P05-P3	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.