6Cyl 6	SSC 6In	6GP
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	Wire	Colors				Calisto ECU Layout				Wire	Colors
Vellow/Red Vellow/Gred Vellow/Gred Vellow/Gred Vellow/Gred Vellow/Gred Lambda Sensor Lambda Sensor Lambda Sensor Lambda Sensor Caren/Black Vellow/Black Green Red Green Red Green Red Green Red Vellow/Black Green/Black Green/Black Green/Black Black			Sim	Priority2	Pin Names	_	Pin Names	Priority2	Sim		
Vellow/Green Vellow/Green Lambda Sensor Lambda 8 2 TPS TPS Sensor Green/Black Green/Black Green/Black Green/Black Green/Black Green Red Green Re	E61	E60	leds			P1 - 12 Way Input			leds	E60	E61
Red	Yellow/Red	Yellow/Red			Water Sensor	Water Temp 7 1 Air Temp				Yellow/Black	Yellow/Black
Orange	Yellow/Green	Yellow/Green			Lambda Sensor	Lambda <mark>8 2</mark> TPS	TPS Sensor			Green/Black	Green/Black
Blue Blue Cam Sensor Cam Sensor 11 5 CAM Power Cam Sens + Red Red Red	Red	Red			Sensors Power	.+5 Volt Out 9 3 MAP	Map Sensor			Green Red	Green Red
Blue Crank Sensor Crank Sensor 12 6 Crank Power Crank Sens + Red Red	Orange	Orange			12V Ignition In	.+12 Volt Ign 10 4 GND	Battery -			Black	Black
Internal 1.15 Bar Alt Sensor Optional Altitude		Blue				Cam Sensor 11 5 CAM Power	Cam Sens +			Red	
E62	Blue	Blue			Crank Sensor	Crank Sensor 12 6 Crank Power	Crank Sens +			Red	Red
Black/Red N1						Internal 1.15 Bar Alt Sensor	Optional Altitude				
Black/Red N1											
Black/Brown N3 Injector Driver 3 HV Negative 3 7 2 HV Negative 4 Injector Driver 4 N4 Black/Orange Black/Yellow N5 Injector Driver 5 HV Negative 5 8 3 HV Negative 6 Injector Driver 6 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 GP6 N8 Blue/Orange E65 P4 4 Way Serial Blue/Red Led1 GP3 Anti-Lag HV Negative 9 3 1 HV Negative 10 GP4 Led2 Blue/Grey Red/Black P5 Smart Coil5 LV Positive 5 4 2 LV Positive 6 Smart Coil6 P6 Red/Blue E64 E63 P3 Smart Coil1 LV Positive 1 Smart Coil2 P2 Red/Yellow Red/Yellow Red/Orange P3 Smart Coil3 LV Positive 3 LV Positive 4 Smart Coil4 P4 Red/Green Red Red Battery + .+12 Volt In Battery + Red White GP1 GP1 Cam 1 HV Negative 11 8 4 HV Negative 12 Cam2 GP2 Blue F05-P3 USB Injector Driver 4 N4 Black/Orange Injector Driver 4 N4 Black/Orange N4 Black/Orange N4 Black/Orange N5 N6 Black/White N4 Black/Orange N6 Black/White N4 N6 Black/Orange N6 Black/White N6		E62								E62	
Black/Yellow Green RPM RPM Out LV Negative 5 8 3 HV Negative 6 Injector Driver 6 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 GP6 N8 Blue/Orange E65 Blue/Red Led1 GP3 Anti-Lag HV Negative 9 3 1 HV Negative 10 GP4 Led2 Blue/Grey Red/Black P5 Smart Coil5 LV Positive 5 4 2 LV Positive 6 Smart Coil6 P6 Red/Blue E64 E63 P3 Smart Coil1 LV Positive 1 Smart Coil2 P2 Red/Yellow Red/White Red/White Red/White Red/Orange P3 Smart Coil3 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 Red White GP1 Cam 1 HV Negative 11 8 4 HV Negative 12 Cam 2 GP2 GP2 Blue P05-P3 USB USB Usb Red/Usb		Black/Red	N1		Injector Driver 1	HV Negative 1 6 1 HV Negative 2	Injector Driver 2		N2	Black/Purple	
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 GP6 N8 Blue/Orange E65		Black/Brown	N3		Injector Driver 3	HV Negative 3 7 2 HV Negative 4	Injector Driver 4		N4	Black/Orange	
Blue/White N7 GP5 Idle Valve HV Negative 7 10 5 HV Negative 8 Dual Idle GP6 N8 Blue/Orange		Black/Yellow			Injector Driver 5	HV Negative 5 8 3 HV Negative 6	Injector Driver 6		N6	Black/White	
E65		Green	RPM		RPM Out	LV Negative 2 9 4 LV Negative 1	Relay Out		Relay	Blue/Black	
Blue/Red Led1 GP3 Anti-Lag HV Negative 9 3 1 HV Negative 10 GP4 Led2 Blue/Grey		Blue/White	N7	GP5	ldle Valve	HV Negative 7 10 5 HV Negative 8	Dual Idle	GP6	N8	Blue/Orange	
Blue/Red Led1 GP3 Anti-Lag HV Negative 9 3 1 HV Negative 10 GP4 Led2 Blue/Grey		E65				P4 - 4 Way Serial				E65	
Red/Black P5 Smart Coil5 LV Positive 5 4 2 LV Positive 6 Smart Coil6 P6 Red/Blue		Blue/Red	Led1	GP3	Anti-Lag			GP4	Led2	Blue/Grev	
Red/WhiteP1Smart Coil1LV Positive 151LV Positive 2Smart Coil2P2Red/YellowRed/YellowRed OrangeP3Smart Coil3LV Positive 362LV Positive 4Smart Coil4P4Red/GreenRed Red Red WhiteBattery + .+12 Volt In WhiteT3.+12 Volt In Battery + .+12 V		Red/Black	P5		Smart Coil5		Smart Coil6		P6	Red/Blue	
Red/WhiteP1Smart Coil1LV Positive 151LV Positive 2Smart Coil2P2Red/YellowRed/YellowRed OrangeP3Smart Coil3LV Positive 362LV Positive 4Smart Coil4P4Red/GreenRed Red Red WhiteBattery + .+12 Volt In WhiteT3.+12 Volt In Battery + .+12 V	E64	E63				P3 - 8 Way Output				E63	E64
Red/Orange P3 Smart Coil3 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 Red White GP1 GP1 Cam 1 HV Negative 11 8 4 HV Negative 12 Cam2 GP2 GP2 Blue P05-P3 USB USB P05-P3			P1		Smart Coil1		Smart Coil2		P2		
Red Red Battery + .+12 Volt In 7 3 .+12 Volt In Battery + Red Red Red White GP1 GP1 Cam 1 HV Negative 11 8 4 HV Negative 12 Cam 2 GP2 GP2 Blue P05-P3 USB USB P05-P3											
White GP1 GP1 Cam 1 HV Negative 11 8 4 HV Negative 12 Cam2 GP2 GP2 Blue P05-P3 USB USB P05-P3	Red										Red
			GP1	GP1				GP2	GP2	Blue	
	D05-D3	IISR	<u> </u>			6 Way USB				IISB	P05-P3
TOTOGIA TINYO I I I VALIANIO I OTE TUTINIQ I OL <mark>I 4 I I</mark> DUALINIAD OW INADIULI II OLI II I II			+		\/ariahla D∩T		RanidFire	FlatShift			
Yellow Yellow Receive 5 2 Transmit Green Green					Valiable POT		rapiui iie	i iatoriiit			
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 Resistrors for Water Air and RPM Output signals.