



Infinity Hardware Specifications
Updated 12-15-2016

Specifications	Infinity-308 PN: 30-7113	Infinity-358 PN: 30-7114	Infinity-506 PN: 30-7106	Infinity-508 PN: 30-7108/7112	Infinity-708 PN: 30-7101	Infinity-710 PN: 30-7100	Infinity-712 PN: 30-7111
Cylinders	Up to 8	Up to 8	Up to 6	Up to 8	Up to 8	Up to 10	Up to 12
Injectors, Low Impedance (Sequential)	2	N/A	6	N/A	8	10	12
Injectors High Impedance (Sequential)	8	8	Up to 6	8	8	10	12
Coils – 0–5V Falling Edge	8	N/A	6	8	8	10	10
Connector Pins	73	73	80	80	129	129	129
Drive-by-Wire	N/A	N/A	Single	Single	Dual	Dual	Dual
H-Bridge Channels	N/A	N/A	1	1	2	2	2
RS232 Channels*	1	1	1	1	1	1	1
CAN Channels	1	1	2	2	2	2	2
Knock Control	2-Channel	2-Channel	2-Channel	2-Channel	2-Channel	2-Channel	2-Channel
Analog Voltage Inputs	Up to 9	Up to 9	Up to 9	Up to 9	Up to 17	Up to 17	Up to 17
Analog Temp Inputs	Up to 3	Up to 3	Up to 3	Up to 3	Up to 6	Up to 6	Up to 6
VR/Mag Inputs	Up to 2	Up to 2	Up to 4	Up to 4	Up to 6	Up to 6	Up to 6
Digital Inputs	Up to 8	Up to 8	Up to 8	Up to 6	Up to 8	Up to 8	Up to 8



Infinity Hardware Specifications
Updated 12-15-2016

Specifications	Infinity-308 PN: 30-7113	Infinity-358 PN: 30-7114	Infinity-506 PN: 30-7106	Infinity-508 PN: 30-7108/7112	Infinity-708 PN: 30-7101	Infinity-710 PN: 30-7100	Infinity-712 PN: 30-7111
Internal Wideband UEGO Controller	N/A	N/A	1	1	2	2	2
High Side Outputs	N/A	N/A	1	1	Up to 2	Up to 2	Up to 2
Low Side Outputs	10	10	8	6	10	10	10
4-Wire Stepper Motor Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Boost Control (RPM, Time, Gear, VSS, Switch Input, Flex Fuel Content)	Application Dependent	Application Dependent	Yes	Yes	Yes	Yes	Yes
Engine Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Variable Cam Control	N/A	N/A	Up to 2	Up to 2	Up to 4	Up to 4	Up to 4
Launch Control	Application Dependent	Application Dependent	Yes	Yes	Yes	Yes	Yes
Nitrous Control	Application Dependent	Application Dependent	Single Stage	Single Stage	Single Stage	Single Stage	Single Stage
Data Logging	PC & Internal Engine History	PC & Internal Engine History	Up to 64 GB	Up to 64 GB	Up to 64 GB	Up to 64 GB	Up to 64 GB



Infinity Hardware Specifications
Updated 12-15-2016

Specifications	Infinity-308 PN: 30-7113	Infinity-358 PN: 30-7114	Infinity-506 PN: 30-7106	Infinity-508 PN: 30-7108/7112	Infinity-708 PN: 30-7101	Infinity-710 PN: 30-7100	Infinity-712 PN: 30-7111
Traction Control	Application Dependent	Application Dependent	Up to 2-Wheel Speed	Up to 2-Wheel Speed	Up to 4-Wheel Speed	Up to 4-Wheel Speed	Up to 4-Wheel Speed
Weather Resistance	Yes, Sealed Enclosure with IP67 Connectors	Yes, Sealed Enclosure with IP67 Connectors	Yes, Sealed Enclosure with IP67 Connectors	Yes, Sealed Enclosure with IP67 Connectors	Yes, Sealed Enclosure with IP67 Connectors	Yes, Sealed Enclosure with IP67 Connectors	Yes, Sealed Enclosure with IP67 Connectors
Enclosure Dims	7.35"x6.55"x1.8"	.855"x5.55"x1.8"	5.855"x5.55"x1.8"	5.855"x5.55"x1.8"	6.75"x6.00"x1.8"	6.75"x6.00"x1.8"	6.75"x6.00"x1.8"
Weight	29.9 oz/848g	29.9 oz/848g	18.8 oz/476.27g	18.8 oz/476.27g	24oz/680g	24oz/680g	24oz/680g

**Dual use pins. Tx and Rx shared with 2 digital inputs.