

**IGNITION CONTROLLERS**

Type	Description	Package
L482	Hall Effect Pickup Ignition Controller	DIP16/SO16
L484	Magnetic Pickup Ignition Controller	DIP16/SO16
L497	Hall Effect Pickup Ignition Controller	DIP16/SO16

**FUEL INJECTION**

Type	Description	Package
L584	Multifunction Injection Interface	DIP16

**SMART SINGLE CHIP**

Type	Description	Package
VB020-4	High Voltage Ignition Coil Driver	ISOWATT-5
VB024	High Voltage Ignition Coil Driver With Diagnostic Feedback	ISOWATT-7
VB025	High Voltage Ignition Coil Driver With Single Flag-On Coil Current	PowerSO-10
VB027	High Voltage Ignition Coil Driver With Double Flag-On Coil Current	PENTAWATT H.V.
VB027SP	High Voltage Ignition Coil Driver With Double Flag-On Coil Current	PowerSO-10
VB029SP	High Voltage Ignition Coil Driver With Double Flag-On Coil Current	PowerSO-10
VB030	High Voltage Ignition Coil Driver With Triple Flag-On Coil Current	PowerSO-20
VB921Z/SP3	Pins High Voltage Ignition Coil Driver With Low Input Current	PowerSO-10
VB921ZVFI3	Pins High Voltage Ignition Coil Driver With Low Input Current	ISOWATT220
VB925	3 Pins High Voltage Ignition Coil Driver With Very Low Input Current	TO-220
VB927	3 Pins High Voltage Ignition Coil Driver With Overtemperature Protection	TO-247

**ELECTRONIC IGNITION DARLINGTONS**

Type	V <sub>CEO</sub> (V)	V <sub>CBO</sub> V <sub>CES</sub> (V)	I <sub>C(cont)</sub> (A)	P <sub>tot</sub> (W)	Package	h <sub>FE</sub> @ I <sub>C</sub> / V <sub>CE</sub>			V <sub>CEsat</sub> @ I <sub>C</sub> / I <sub>B</sub>		
						min	(A)	(V)	(V)	(A)	(A)
ST931ZT	350	350 / 450	10	125	TO-220	300	5	10	1.8	8	0.1
BUB941ZT	350	350 / 500	15	150	D2PAK	300	5	10	1.8	10	0.25
BU941ZTFI	350	350 / 500	15	55	ISOWATT220	300	5	10	1.8	10	0.25
BU941ZPFI	350	350 / 500	15	65	ISOWATT218	300	5	10	1.8	10	0.25
BU941ZT	350	350 / 500	15	150	TO-220	300	5	10	1.8	10	0.25
BU941ZP	350	350 / 500	15	155	SOT-93	300	5	10	1.8	10	0.25
BU941Z	350	350 / 500	15	180	TO-3	300	5	10	1.8	10	0.25
ST901T	350	500	4	30	TO-220	500	4	2	1.3	2	0.02
BU911	400	450	6	60	TO-220	20	4	1.8	1.8	2.5	0.05
BU931PFI	400	500	15	60	ISOWATT218	300	5	10	1.8	8	0.1
BU931T	400	500	10	125	TO-220	300	5	10	1.8	8	0.1
BUB931T	400	500	10	125	D2PAK	300	5	10	1.8	8	0.1
BU931P	400	500	15	135	SOT-93	300	5	10	1.8	8	0.1
BU931	400	500	15	175	TO-3	300	5	10	1.8	8	0.1
BU941PFI	400	500	15	65	ISOWATT218	300	5	10	1.8	10	0.25
BU941T	400	500	15	150	TO-220	300	5	10	1.8	10	0.25
BUB941T	400	500	15	150	TO-220	300	5	10	1.8	10	0.25
BU941P	400	500	15	155	SOT-93	300	5	10	1.8	10	0.25
BU941	400	500	15	180	TO-3	300	5	10	1.8	10	0.25

## ALTERNATOR REGULATORS

Type	Description	Package
L585	Car Alternator Regulator	DIP16
L9444VB	One Chip Car Alternator Regulator	TO-220
L9448VB	One Chip Car Alternator Regulator	TO-220
L9480VB	One Chip Car Alternator Regulator	TO-220

## SMART POWER ACTUATORS

ICs

Type	Description	Package
L9222	Quad Inverting Transistor Switch	DIP16
L9305A	Dual High Current Relay Drivers	DIP16
L9308	Dual Low Side Driver	MINIDIP
L9337MD	Triple Low Side Driver	SO20
L9338	Quad Low-Side Driver	SO20
L9341	Quad Low-Side Driver	MULTIWATT 15
L9346	Quad Intelligent Power Low Side Switch	PowerSO-20
L9351	High Side Driver	PENTAWATT®
L9386MD	Dual Intelligent Power Low Side	SO20
L9820	High Side Driver	MINIDIP/SO8
L9820D	High Side Driver	SO8
L9821	High Side Driver (for trucks - $R_{DS(on)}$ 0.1 $\Omega$ )	PENTAWATT
L9822E	Octal Serial Solenoid Driver	MULTIWATT® 15
L9822ED	Octal Serial Solenoid Driver	SO20
L9822EPD	Octal Serial Solenoid Driver	PowerSO-20
L9822N	Octal Serial Solenoid Driver	PowerSO-20
L9836MD	Dual Intelligent Power Low Side	SO20
L9907ND	Motor Bridge for Headlight Adjustment	SO20
L9930	Dual Full Bridge	MULTIWATT 11
L9935	Two-Phase Stepper Motor Driver	PowerSO-20
L9942	Super Smart Motor Bridge Driver	PowerSO-36
L9947	Quad Half-Bridge High-Side Driver	MULTIWATT 15
VN02AN	High Side Driver - $R_{ds(on)}$ 350mOhms	PENTAWATT
VN02ANSP	High Side Driver - $R_{ds(on)}$ 350mOhms	PowerSO-10
VN02H	High Side Driver - $R_{ds(on)}$ 400mOhms	PENTAWATT
VN02N	High Side Driver - $R_{ds(on)}$ 400mOhms	PENTAWATT
VN02NSP	High Side Driver - $R_{ds(on)}$ 400mOhms	PowerSO-10
VN03	I.S.O. High Side Driver - $R_{ds(on)}$ 400mOhms	PENTAWATT
VN03SP	I.S.O. High Side Driver - $R_{ds(on)}$ 400mOhms	PowerSO-10
VN05H	High Side Driver - $R_{ds(on)}$ 180mOhms	PENTAWATT
VN05N	High Side Driver - $R_{ds(on)}$ 180mOhms	PENTAWATT
VN05NSP	High Side Driver - $R_{ds(on)}$ 180mOhms	PowerSO-10
VN06	I.S.O. High Side Driver - $R_{ds(on)}$ 180mOhms	PENTAWATT
VN06SP	I.S.O. High Side Driver - $R_{ds(on)}$ 180mOhms	PowerSO-10
VN16B	High Side Driver - $R_{ds(on)}$ 60mOhms	PENTAWATT
VN16BSP	High Side Driver - $R_{ds(on)}$ 60mOhms	PowerSO-10
VN20AN	High Side Driver - $R_{ds(on)}$ 50mOhms	PENTAWATT
VN20ANSP	High Side Driver - $R_{ds(on)}$ 50mOhms	PowerSO-10
VN20N	High Side Driver - $R_{ds(on)}$ 50mOhms	PENTAWATT
VN20NSP	High Side Driver - $R_{ds(on)}$ 50mOhms	PowerSO-10
VN21	I.S.O. High Side Driver - $R_{ds(on)}$ 50mOhms	PENTAWATT
VN21SP	I.S.O. High Side Driver - $R_{ds(on)}$ 50mOhms	PowerSO-10
VN220	High Side Driver - $R_{ds(on)}$ 50mOhms	PENTAWATT
VN30N	High Side Driver - $R_{ds(on)}$ 30mOhms	PENTAWATT
VN30NSP	High Side Driver - $R_{ds(on)}$ 30mOhms	PowerSO-10
VN31	I.S.O. High Side Driver - $R_{ds(on)}$ 30mOhms	PENTAWATT

**SMART POWER ACTUATORS (cont'd)**

ICs

Type	Description	Package
VN31SP	I.S.O. High Side Driver - Rds(on) 30mOhms	PowerSO-10
VN370B	Triple High Side Driver - Rds(on) 250mOhms (1 channel) / 1.7Ohm(2 channels)	PowerSO-10
VN410	Dual High Side Driver per Blinker - Rds(on) 70mOhms	MULTIWATT 15
VN450	Triple High Side Driver - Rds(on) 50mOhms (2 channels) / 300mOhms (1 channel)	PowerSO-20
VN460	High Side Driver - Rds(on) 20mOhms	PowerSO-10
VND05B	Dual High Side Driver - Rds(on) 200mOhms per channel	HEPTAWATT
VND05BSP	Dual High Side Driver - Rds(on) 200mOhms per channel	PowerSO-10
VND10B	Dual High Side Driver - Rds(on) 100mOhms per channel	HEPTAWATT
VND10BSP	Dual High Side Driver - Rds(on) 100mOhms per channel	PowerSO-10
VNW50N04	3 Pins Fully Protected PowerMOS - Rds(on) 12mOhms	TO-247
VNW100N04	3 Pins Fully Protected PowerMOS - Rds(on) 12mOhms	TO-247
VNV49N04	3 Pins Fully Protected PowerMOS - Rds(on) 20mOhms	PowerSO-10
VNV35N07	3 Pins Fully Protected PowerMOS - Rds(on) 28mOhms	PowerSO-10
VNV28N04	3 Pins Fully Protected PowerMOS - Rds(on) 28mOhms	PowerSO-10
VNV20N07	3 Pins Fully Protected PowerMOS - Rds(on) 50mOhms	PowerSO-10
VNV14N04	3 Pins Fully Protected PowerMOS - Rds(on) 70mOhms	PowerSO-10
VNV10N07	3 Pins Fully Protected PowerMOS - Rds(on) 100mOhms	PowerSO-10
VNP7N04FI	3 Pins Fully Protected PowerMOS - Rds(on) 140mOhms	ISOWATT220
VNP7N04	3 Pins Fully Protected PowerMOS - Rds(on) 140mOhms	TO-220
VNP5N07FI	3 Pins Fully Protected PowerMOS - Rds(on) 200mOhms	ISOWATT220
VNP5N07	3 Pins Fully Protected PowerMOS - Rds(on) 200mOhms	TO-220
VNP49N04F	3 Pins Fully Protected PowerMOS - Rds(on) 20mOhms	ISOWATT220
VNP49N04	3 Pins Fully Protected PowerMOS - Rds(on) 20mOhms	TO-220
VNP35N07F	3 Pins Fully Protected PowerMOS - Rds(on) 28mOhms	ISOWATT220
VNP35N07	3 Pins Fully Protected PowerMOS - Rds(on) 28mOhms	TO-220
VNP28N04F	3 Pins Fully Protected PowerMOS - Rds(on) 28mOhms	ISOWATT220
VNP28N04	3 Pins Fully Protected PowerMOS - Rds(on) 28mOhms	TO-220
VNP20N07F	3 Pins Fully Protected PowerMOS - Rds(on) 50mOhms	ISOWATT220
VNP20N07	3 Pins Fully Protected PowerMOS - Rds(on) 50mOhms	TO-220
VNP14N04F	3 Pins Fully Protected PowerMOS - Rds(on) 70mOhms	ISOWATT220
VNP14N04	3 Pins Fully Protected PowerMOS - Rds(on) 70mOhms	TO-220
VNP10N07F	3 Pins Fully Protected PowerMOS - Rds(on) 100mOhms	ISOWATT220
VNP10N07	3 Pins Fully Protected PowerMOS - Rds(on) 100mOhms	TO-220
VNP10N06F	3 Pins Fully Protected PowerMOS - Rds(on) 300mOhms	ISOWATT220
VNP10N06	3 Pins Fully Protected PowerMOS - Rds(on) 300mOhms	TO-220
VNK7N04FM	3 Pins Fully Protected PowerMOS - Rds(on) 140mOhms	SOT-82FM
VNK5N07FM	3 Pins Fully Protected PowerMOS - Rds(on) 200mOhms	SOT-82FM
VNK14N04F	3 Pins Fully Protected PowerMOS - Rds(on) 70mOhms	SOT-82FM
VNK10N07F	3 Pins Fully Protected PowerMOS - Rds(on) 100mOhms	SOT-82FM
VNK10N06	3 Pins Fully Protected PowerMOS - Rds(on) 300mOhms	SOT-82FM
VND7N04-1	3 Pins Fully Protected PowerMOS - Rds(on) 140mOhms	IPAK
VND7N04	3 Pins Fully Protected PowerMOS - Rds(on) 140mOhms	DPAK
VND5N07-1	3 Pins Fully Protected PowerMOS - Rds(on) 200mOhms	IPAK
VND5N07	3 Pins Fully Protected PowerMOS - Rds(on) 200mOhms	DPAK
VND10N06-1	3 Pins Fully Protected PowerMOS - Rds(on) 300mOhms	IPAK
VND10N06	3 Pins Fully Protected PowerMOS - Rds(on) 300mOhms	DPAK
VNB49N04	3 Pins Fully Protected PowerMOS - Rds(on) 20mOhms	D2PAK
VNB35N07	3 Pins Fully Protected PowerMOS - Rds(on) 28mOhms	D2PAK
VNB28N04	3 Pins Fully Protected PowerMOS - Rds(on) 28mOhms	D2PAK
VNB20N07	3 Pins Fully Protected PowerMOS - Rds(on) 50mOhms	D2PAK
VNB14N04	3 Pins Fully Protected PowerMOS - Rds(on) 70mOhms	D2PAK
VNB10N07	3 Pins Fully Protected PowerMOS - Rds(on) 100mOhms	D2PAK