

**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
VB921ZVSP3	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	8	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
L9338	Quad Low-Side Driver	SO20
L9341	Quad Low-Side Driver	MULTIWATT <sup>®</sup> 15
L9351	High Side Driver	PENTAWATT <sup>®</sup>
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 <sub>DS(on)</sub> 0.1 Ω)	PENTAWATT
L9822E	Octal Serial Solenoid Driver	MULTIWATT <sup>®</sup> 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
L9947	Quad Half-Bridge High-Side Driver	MULTIWATT 15
VN02AN	High Side Driver - R <sub>ds(on)</sub> 350mOhms	PENTAWATT
VN02ANSP	High Side Driver - R <sub>ds(on)</sub> 350mOhms	PowerSO-10
VN02H	High Side Driver - R <sub>ds(on)</sub> 400mOhms	PENTAWATT
VN02N	High Side Driver - R <sub>ds(on)</sub> 400mOhms	PENTAWATT
VN02NSP	High Side Driver - R <sub>ds(on)</sub> 400mOhms	PowerSO-10
VN03	I.S.O. High Side Driver - R <sub>ds(on)</sub> 400mOhms	PENTAWATT
VN03SP	I.S.O. High Side Driver - R <sub>ds(on)</sub> 400mOhms	PowerSO-10
VN05H	High Side Driver - R <sub>ds(on)</sub> 180mOhms	PENTAWATT
VN05N	High Side Driver - R <sub>ds(on)</sub> 180mOhms	PENTAWATT
VN05NSP	High Side Driver - R <sub>ds(on)</sub> 180mOhms	PowerSO-10
VN06	I.S.O. High Side Driver - R <sub>ds(on)</sub> 180mOhms	PENTAWATT
VN06SP	I.S.O. High Side Driver - R <sub>ds(on)</sub> 180mOhms	PowerSO-10
VN16B	High Side Driver - R <sub>ds(on)</sub> 60mOhms	PENTAWATT
VN16BSP	High Side Driver - R <sub>ds(on)</sub> 60mOhms	PowerSO-10
VN20AN	High Side Driver - R <sub>ds(on)</sub> 50mOhms	PENTAWATT
VN20ANSP	High Side Driver - R <sub>ds(on)</sub> 50mOhms	PowerSO-10
VN20N	High Side Driver - R <sub>ds(on)</sub> 50mOhms	PENTAWATT
VN20NSP	High Side Driver - R <sub>ds(on)</sub> 50mOhms	PowerSO-10
VN21	I.S.O. High Side Driver - R <sub>ds(on)</sub> 50mOhms	PENTAWATT
VN21SP	I.S.O. High Side Driver - R <sub>ds(on)</sub> 50mOhms	PowerSO-10
VN220	High Side Driver - R <sub>ds(on)</sub> 50mOhms	PENTAWATT
VN30N	High Side Driver - R <sub>ds(on)</sub> 30mOhms	PENTAWATT
VN30NSP	High Side Driver - R <sub>ds(on)</sub> 30mOhms	PowerSO-10
VN31	I.S.O. High Side Driver - R <sub>ds(on)</sub> 30mOhms	PENTAWATT
VN31SP	I.S.O. High Side Driver - R <sub>ds(on)</sub> 30mOhms	PowerSO-10

## SMART POWER ACTUATORS (cont'd)

ICs

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