

## IGNITION CONTROLLERS

Type	Description	Package
<a href="#">L482</a>	Hall Effect Pickup Ignition Controller	DIP16/SO16
<a href="#">L484</a>	Magnetic Pickup Ignition Controller	DIP16/SO16
<a href="#">L497</a>	Hall Effect Pickup Ignition Controller	DIP16/SO16

## FUEL INJECTION

Type	Description	Package
<a href="#">L584</a>	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.
<a href="#">VB027SP</a>	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
<a href="#">BU941ZPFI</a>	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
<a href="#">BU941ZP</a>	350	350 / 500	15	155	SOT-93	300	5	10	1.8	10	0.25
<a href="#">BU941Z</a>	350	350 / 500	15	180	TO-3	300	5	10	1.8	10	0.25
<a href="#">ST901T</a>	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
<a href="#">BU931PFI</a>	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
<a href="#">BU931P</a>	400	500	15	135	SOT-93	300	5	10	1.8	8	0.1
<a href="#">BU931</a>	400	500	15	175	TO-3	300	5	10	1.8	8	0.1
<a href="#">BU941PFI</a>	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
<a href="#">BU941P</a>	400	500	15	155	SOT-93	300	5	10	1.8	10	0.25
<a href="#">BU941</a>	400	500	15	180	TO-3	300	5	10	1.8	10	0.25

## ALTERNATOR REGULATORS

Type	Description	Package
<a href="#">L585</a>	Car Alternator Regulator	DIP16
<a href="#">L9444VB</a>	One Chip Car Alternator Regulator	TO-220
<a href="#">L9448VB</a>	One Chip Car Alternator Regulator	TO-220
<a href="#">L9480VB</a>	One Chip Car Alternator Regulator	TO-220

## SMART POWER ACTUATORS

ICs

Type	Description	Package
<a href="#">L9222</a>	Quad Inverting Transistor Switch	DIP16
<a href="#">L9305A</a>	Dual High Current Relay Drivers	DIP16
<a href="#">L9307</a>	Dual High Current Low Side Driver	MULTIWATT11
<a href="#">L9309</a>	Dual High Current Low Side Driver	SIP10
<a href="#">L9308</a>	Dual Low Side Driver	MINIDIP
<a href="#">L9326</a>	Dual IPS	SO24
<a href="#">L9338</a>	Quad Low-Side Driver	SO20
<a href="#">L9341</a>	Quad Low-Side Driver	MULTIWATT 15
<a href="#">L9351</a>	High Side Driver	PENTAWATT®
<a href="#">L9363</a>	Quad Low-Side Driver	MULTIWATT 15
<a href="#">L9386MD</a>	Dual Intelligent Power Low Side	SO20
<a href="#">L9820</a>	High Side Driver	MINIDIP/SO8
<a href="#">L9820D</a>	High Side Driver	SO8
<a href="#">L9821</a>	High Side Driver (for trucks - $R_{DS(on)}$ 0.1 $\Omega$ )	PENTAWATT
<a href="#">L9822E</a>	Octal Serial Solenoid Driver	MULTIWATT® 15
<a href="#">L9822ED</a>	Octal Serial Solenoid Driver	SO20
<a href="#">L9822EPD</a>	Octal Serial Solenoid Driver	PowerSO-20
<a href="#">L9822N</a>	Octal Serial Solenoid Driver	PowerSO-20
<a href="#">L9824</a>	Octal Parallel Low Side Driver	DIP20
<a href="#">L9824D</a>	Octal Parallel Low Side Driver	SO20
<a href="#">L9836MD</a>	Dual Intelligent Power Low Side	SO20
<a href="#">L9907ND</a>	Motor Bridge for Headlight Adjustment	SO20
<a href="#">L9930</a>	Dual Full Bridge	MULTIWATT 11
<a href="#">L9947</a>	Quad Half-Bridge High-Side Driver	MULTIWATT 15
<a href="#">VN02AN</a>	High Side Driver - $R_{DS(on)}$ 350mOhms	PENTAWATT
<a href="#">VN02ANSP</a>	High Side Driver - $R_{DS(on)}$ 350mOhms	PowerSO-10
<a href="#">VN02H</a>	High Side Driver - $R_{DS(on)}$ 400mOhms	PENTAWATT
<a href="#">VN02N</a>	High Side Driver - $R_{DS(on)}$ 400mOhms	PENTAWATT
<a href="#">VN02NSP</a>	High Side Driver - $R_{DS(on)}$ 400mOhms	PowerSO-10
<a href="#">VN03</a>	I.S.O. High Side Driver - $R_{DS(on)}$ 400mOhms	PENTAWATT
<a href="#">VN03SP</a>	I.S.O. High Side Driver - $R_{DS(on)}$ 400mOhms	PowerSO-10
<a href="#">VN05H</a>	High Side Driver - $R_{DS(on)}$ 180mOhms	PENTAWATT
<a href="#">VN05N</a>	High Side Driver - $R_{DS(on)}$ 180mOhms	PENTAWATT
<a href="#">VN05NSP</a>	High Side Driver - $R_{DS(on)}$ 180mOhms	PowerSO-10
<a href="#">VN06</a>	I.S.O. High Side Driver - $R_{DS(on)}$ 180mOhms	PENTAWATT
<a href="#">VN06SP</a>	I.S.O. High Side Driver - $R_{DS(on)}$ 180mOhms	PowerSO-10
<a href="#">VN16B</a>	High Side Driver - $R_{DS(on)}$ 60mOhms	PENTAWATT
<a href="#">VN16BSP</a>	High Side Driver - $R_{DS(on)}$ 60mOhms	PowerSO-10
<a href="#">VN20AN</a>	High Side Driver - $R_{DS(on)}$ 50mOhms	PENTAWATT
<a href="#">VN20ANSP</a>	High Side Driver - $R_{DS(on)}$ 50mOhms	PowerSO-10
<a href="#">VN20N</a>	High Side Driver - $R_{DS(on)}$ 50mOhms	PENTAWATT
<a href="#">VN20NSP</a>	High Side Driver - $R_{DS(on)}$ 50mOhms	PowerSO-10
<a href="#">VN21</a>	I.S.O. High Side Driver - $R_{DS(on)}$ 50mOhms	PENTAWATT
<a href="#">VN21SP</a>	I.S.O. High Side Driver - $R_{DS(on)}$ 50mOhms	PowerSO-10

## SMART POWER ACTUATORS (cont'd)

ICs

Type	Description	Package
<a href="#">VN220</a>	High Side Driver - $R_{ds(on)}$ 50mOhms	PENTAWATT
<a href="#">VN30N</a>	High Side Driver - $R_{ds(on)}$ 30mOhms	PENTAWATT
<a href="#">VN30NSP</a>	High Side Driver - $R_{ds(on)}$ 30mOhms	PowerSO-10
<a href="#">VN31</a>	I.S.O. High Side Driver - $R_{ds(on)}$ 30mOhms	PENTAWATT
<a href="#">VN31SP</a>	I.S.O. High Side Driver - $R_{ds(on)}$ 30mOhms	PowerSO-10
<a href="#">VN370B</a>	Triple High Side Driver - $R_{ds(on)}$ 250mOhms (1 channel) / 1.7Ohm(2 channels)	PowerSO-10
<a href="#">VN410</a>	Dual High Side Driver per Blinker - $R_{ds(on)}$ 70mOhms	MULTIWATT 15
<a href="#">VN450</a>	Triple High Side Driver - $R_{ds(on)}$ 50mOhms (2 channels) / 300mOhms (1 channel)	PowerSO-20
<a href="#">VN460</a>	High Side Driver - $R_{ds(on)}$ 20mOhms	PowerSO-10
<a href="#">VND05B</a>	Dual High Side Driver - $R_{ds(on)}$ 200mOhms per channel	HEPTAWATT
<a href="#">VND05BSP</a>	Dual High Side Driver - $R_{ds(on)}$ 200mOhms per channel	PowerSO-10
<a href="#">VND10B</a>	Dual High Side Driver - $R_{ds(on)}$ 100mOhms per channel	HEPTAWATT
<a href="#">VND10BSP</a>	Dual High Side Driver - $R_{ds(on)}$ 100mOhms per channel	PowerSO-10
<a href="#">VNV50N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 12mOhms	TO-247
<a href="#">VNV100N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 12mOhms	TO-247
<a href="#">VNV49N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 20mOhms	PowerSO-10
<a href="#">VNV35N07</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 28mOhms	PowerSO-10
<a href="#">VNV28N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 28mOhms	PowerSO-10
<a href="#">VNV20N07</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 50mOhms	PowerSO-10
<a href="#">VNV14N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 70mOhms	PowerSO-10
<a href="#">VNV10N07</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 100mOhms	PowerSO-10
<a href="#">VNP7N04FI</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 140mOhms	ISOWATT220
<a href="#">VNP7N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 140mOhms	TO-220
<a href="#">VNP5N07FI</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 200mOhms	ISOWATT220
<a href="#">VNP5N07</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 200mOhms	TO-220
<a href="#">VNP49N04F</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 20mOhms	ISOWATT220
<a href="#">VNP49N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 20mOhms	TO-220
<a href="#">VNP35N07F</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 28mOhms	ISOWATT220
<a href="#">VNP35N07</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 28mOhms	TO-220
<a href="#">VNP28N04F</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 28mOhms	ISOWATT220
<a href="#">VNP28N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 28mOhms	TO-220
<a href="#">VNP20N07F</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 50mOhms	ISOWATT220
<a href="#">VNP20N07</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 50mOhms	TO-220
<a href="#">VNP14N04F</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 70mOhms	ISOWATT220
<a href="#">VNP14N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 70mOhms	TO-220
<a href="#">VNP10N07F</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 100mOhms	ISOWATT220
<a href="#">VNP10N07</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 100mOhms	TO-220
<a href="#">VNP10N06F</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 300mOhms	ISOWATT220
<a href="#">VNP10N06</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 300mOhms	TO-220
<a href="#">VNK7N04FM</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 140mOhms	SOT-82FM
<a href="#">VNK5N07FM</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 200mOhms	SOT-82FM
<a href="#">VNK14N04F</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 70mOhms	SOT-82FM
<a href="#">VNK10N07F</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 100mOhms	SOT-82FM
<a href="#">VNK10N06</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 300mOhms	SOT-82FM
<a href="#">VND7N04-1</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 140mOhms	IPAK
<a href="#">VND7N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 140mOhms	DPAK
<a href="#">VND5N07-1</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 200mOhms	IPAK
<a href="#">VND5N07</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 200mOhms	DPAK
<a href="#">VND10N06-1</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 300mOhms	IPAK
<a href="#">VND10N06</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 300mOhms	DPAK
<a href="#">VNB49N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 20mOhms	D2PAK
<a href="#">VNB35N07</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 28mOhms	D2PAK
<a href="#">VNB28N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 28mOhms	D2PAK
<a href="#">VNB20N07</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 50mOhms	D2PAK
<a href="#">VNB14N04</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 70mOhms	D2PAK
<a href="#">VNB10N07</a>	3 Pins Fully Protected PowerMOS - $R_{ds(on)}$ 100mOhms	D2PAK