Selected Products from Fairchild Semiconductor (http://www.fairchildsemi.com)

Catalog Results

Part Number	Description	Package	Device Grade	Operating Temperature (Range)	Operating Voltage (Max) (V)	Sink Current (Typ) (A)	Source Current (Typ) (A)	Supply Voltage OFF (Range)	Supply Voltage ON (Range)	Prop Delay (Max) (ns)	Prop Delay (Typ) (ns)	# of Channels	Input-Output Configuration	Channel Input Logic	Logic Input Type	Dead Time Control	Fall Time (Typ) (ns)	Rise Time (Typ) (ns)	Shut Down Control (or Enable)	Date of Introduction
FAN3225C_F085	Dual 4A High-Speed, Low-Side Gate Driver	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	5.0	5.0	3.2 to 4.3 V	3.4 to 4.5 V	34.0	18.0	2.0	1-1	Non-Inverting	CMOS	No	9.0	12.0	Yes	16-Oct-2013
FAN3268T_F085	2A Low-Voltage PMOS-NMOS Bridge Driver	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	3.0	-3.0	3.3 to 4.1 V	3.5 to 4.3 V	25, 34	14, 19	2.0	1-1	Ch A Non-Inverting, Ch B. Inverting	TTL	No	9.0	12.0		12-Sep-2013
FAN3228T_F085	Dual 2A High-Speed, Low-Side Gate Driver	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	3.0	3.0	3.1 to 4.3 V	3.3 to 4.5 V	42.0	15.0	2.0	1-1	Non-Inverting	CMOS	No	9.0	12.0	Yes	27-Aug-2013
FAN3229C_F085	Dual 2-A High-Speed, Low-Side Gate Drivers	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	3.0	3.0	3.1 to 4.3 V	3.3 to 4.5 V	42.0	15.0	2.0	1-1	Non-Inverting	CMOS	No	9.0	12.0	Yes	30-Jul-2013
FAN3122C_F085	Single 9 A High-Speed, Low-Side Gate Driver	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	11.4	10.6	3.25 to 4.15 V	3.5 to 4.3 V	35.0	18.0	1.0	1-1	Non-Inverting	CMOS	No	19.0	23.0	Yes	18-Jun-2013
FAN3223T_F085	Dual 4-A High-Speed, Low-Side Gate Drivers	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	5.0	5.0	3.2 to 4.3 V	3.4 to 4.5 V	34.0	18.0	2.0	1-1	Non-Inverting	TTL	No	9.0	12.0	Yes	18-Jun-2013
FAN3226T_F085	Dual 2-A High-Speed, Low-Side Gate Drivers	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	3.0	3.0	3.1 to 4.3 V	3.3 to 4.5 V	42.0	15.0	2.0	1-1	Non-Inverting	TTL	No	9.0	12.0	Yes	18-Jun-2013
FAN3229T_F085	Dual 2-A High-Speed, Low-Side Gate Drivers	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	3.0	3.0	3.1 to 4.3 V	3.3 to 4.5 V	42.0	15.0	2.0	1-1	Non-Inverting	TTL	No	9.0	12.0	Yes	18-Jun-2013
FAN3180	Single 2 A Low-Side Driver with 3.3 V LDO	SOT-23 5L	Commercial	-40 to 125 °C	18.0	2.8	2.5	4.3 to 4.8 V	4.5 to 5 V	30.0	19.0	1.0	1-1	Non-Inverting	TTL	No	13.0	19.0	Yes	22-Mar-2013
FAN3240	Smart Dual-Coil Relay Drivers	SO 8L NB	Commercial	-40 to 105 °C	60.0	10.0		5.7 to 7.7 V	6.9 to 8.9 V		13.5	2.0	2-2	Inverting	TTL	No	7.0		Yes	01-Mar-2013
FAN3241	Smart Dual-Coil Relay Drivers	SO 8L NB	Commercial	-40 to 105 °C	60.0	10.0		5.7 to 7.7 V	6.9 to 8.9 V		13.5	2.0	2-2	Inverting	TTL	No	7.0		Yes	01-Mar-2013
FAN3228C_F085	Dual 2A High-Speed, Low-Side Gate Driver	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	3.0	3.0	3.1 to 4.3 V	3.3 to 4.5 V	42.0	15.0	2.0	1-1	Non-Inverting	CMOS	No	9.0	12.0	Yes	18-Oct-2012

Part Number	Description	Package	Device Grade	Operating Temperature (Range)	Operating Voltage (Max) (V)	Sink Current (Typ) (A)	Source Current (Typ) (A)	Supply Voltage OFF (Range)	Supply Voltage ON (Range)	Prop Delay (Max) (ns)	Prop Delay (Typ) (ns)	# of Channels	Input-Output Configuration	Channel Input Logic	Logic Input Type	Dead Time Control	Fall Time (Typ) (ns)	Rise Time (Typ) (ns)	Shut Down Control (or Enable)	Date of Introduction
FAN3226C_F085	Dual 2A High-Speed, Low-Side Gate Driver	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	3.0	3.0	3.1 to 4.3 V	3.3 to 4.5 V	42.0	15.0	2.0	1-1	Non-Inverting	CMOS	No	9.0	12.0	Yes	29-Aug-2012
FAN3216T_F085	Dual 2-A, High-Speed, Low-Side Gate Drivers	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	3.0	3.0	3.1 to 4.3 V	3.3 to 4.5 V	42.0	15.0	2.0	1-1	Non-Inverting	TTL	No	9.0	12.0	Yes	17-May-2012
FAN3217T_F085	Dual 2A High-Speed, Low-Side Gate Drivers	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	3.0	3.0	3.1 to 4.3 V	3.3 to 4.5 V	42.0	15.0	2.0	1-1	Non-Inverting	TTL	No	9.0	12.0	Yes	16-May-2012
FAN3227T_F085	Dual 2A High-Speed, Low-Side Gate Driver	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	3.0	3.0	3.1 to 4.3 V	3.3 to 4.5 V	42.0	15.0	2.0	1-1	Non-Inverting	TTL	No	9.0	12.0	Yes	27-Apr-2012
FAN3227C_F085	Dual 2A High-Speed, Low-Side Gate Driver	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	3.0	3.0	3.1 to 4.3 V	3.3 to 4.5 V	42.0	15.0	2.0	1-1	Non-Inverting	CMOS	No	9.0	12.0	Yes	15-Mar-2012
FAN3122T_F085	Single 9 A High-Speed, Low-Side Gate Driver	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	11.4	10.6	3.25 to 4.15 V	3.5 to 4.3 V	35.0	18.0	1.0	1-1	Non-Inverting	TTL	No	19.0	23.0	Yes	28-Feb-2012
FAN3224C_F085	Dual 4A High-Speed, Low-Side Gate Driver	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	5.0	5.0	3.2 to 4.3 V	3.4 to 4.5 V	34.0	18.0	2.0	1-1	Non-Inverting	CMOS	No	9.0	12.0	Yes	28-Feb-2012
FAN3224T_F085	Dual 4A High-Speed, Low-Side Gate Driver	SO 8L NB	Automotive Qualified	-40 to 125 °C	18.0	5.0	5.0	3.2 to 4.3 V	3.4 to 4.5 V	34.0	18.0	2.0	1-1	Non-Inverting	TTL	No	9.0	12.0	Yes	28-Feb-2012
FAN3278	Low-Voltage 27V PMOS-NMOS Bridge Driver	SO 8L NB	Commercial	-40 to 125 °C	27.0	1.5	1.0			70.0	45.0	2.0	1-1	Ch A Non-Inverting, Ch B. Inverting	TTL	No	8, 21	8, 17	Yes	16-Feb-2011
FAN3216T	Dual 2A High-Speed, Low-Side Gate Drivers	SO 8L NB	Commercial	-40 to 125 °C	18.0	3.0	3.0	3.3 to 4.1 V	3.5 to 4.3 V	34.0	19.0	2.0	1-1	Inverting	TTL	No	9.0	12.0	No	28-Jan-2010
FAN3217T	Dual 2A High-Speed, Low-Side Gate Drivers	SO 8L NB	Commercial	-40 to 125 °C	18.0	3.0	3.0	3.3 to 4.1 V	3.5 to 4.3 V	34.0	19.0	2.0	1-1	Non-Inverting	TTL	No	9.0	12.0	No	28-Jan-2010
FAN3213T	Dual 4A High-Speed, Low-Side Gate Drivers	SO 8L NB	Commercial	-40 to 125 °C	18.0	5.0	5.0	3.3 to 4.1 V	3.5 to 4.3 V	29.0	17.0	2.0	1-1	Inverting	TTL	No	9.0	12.0	No	13-Jan-2010
FAN3214T	Dual 4A High-Speed, Low-Side Gate Drivers	SO 8L NB	Commercial	-40 to 125 °C	18.0	5.0	5.0	3.3 to 4.1 V	3.5 to 4.3 V	29.0	17.0	2.0	1-1	Non-Inverting	TTL	No	9.0	12.0	No	24-Nov-2009

Part Number	Description	Package	Device Grade	Operating Temperature (Range)	Operating Voltage (Max) (V)	Sink Current (Typ) (A)	Source Current (Typ) (A)	Supply Voltage OFF (Range)	Supply Voltage ON (Range)	Prop Delay (Max) (ns)	Prop Delay (Typ) (ns)	# of Channels	Input-Output Configuration	Channel Input Logic	Logic Input Type	Dead Time Control	Fall Time (Typ) (ns)	Rise Time (Typ) (ns)	Shut Down Control (or Enable)	Date of Introduction
FAN3268	Low-Voltage 18V PMOS-NMOS Bridge Driver	SO 8L NB	Commercial	-40 to 125 °C	18.0	3.0	3.0	3.3 to 4.1 V	3.5 to 4.3 V	34.0	19.0	2.0	1-1	Ch A Non-Inverting, Ch B. Inverting	TTL	No	9.0	12.0	Yes	08-Apr-2009
FAN3111E	Single 1A High-Speed, Low-Side Gate Driver	SOT-23 5L	Commercial	-40 to 125 °C	18.0	1.4	1.4			30.0	15.0	1.0	1-1	Non-Inverting	External	No	8.0	9.0	No	25-Feb-2009
FAN3111C	Single 1A High-Speed, Low-Side Gate Driver	SOT-23 5L	Commercial	-40 to 125 °C	18.0	1.4	1.4			30.0	15.0	1.0	2-1	Inverting or Non-Inverting	CMOS	No	8.0	9.0	Yes	06-Jan-2009
FAN3121T	Single 9A High-Speed Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	11.4	10.6	3.3 to 4.1 V	3.5 to 4.3 V	35.0	23.0	1.0	1-1	Inverting	TTL	No	19.0	23.0	Yes	22-Oct-2008
FAN3122C	Single 9A High-Speed Low-Side Gate Driver	MLP 3x3 8L (Power 33), SO 8L NB	Commercial	-40 to 125 °C	18.0	11.4	10.6	3.3 to 4.1 V	3.5 to 4.3 V	28.0	18.0	1.0	1-1	Non-Inverting	CMOS	No	19.0	23.0	Yes	22-Oct-2008
FAN3121C	Single 9A High-Speed Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	11.4	10.6	3.3 to 4.1 V	3.5 to 4.3 V	28.0	18.0	1.0	1-1	Inverting	CMOS	No	19.0	23.0	Yes	14-Oct-2008
FAN3122T	Single 9A High-Speed Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	11.4	10.6	3.3 to 4.1 V	3.5 to 4.3 V	35.0	23.0	1.0	1-1	Non-Inverting	TTL	No	19.0	23.0	Yes	14-Oct-2008
FAN3229C	Dual 2A High-Speed, Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	3.0	3.0	3.3 to 4.1 V	3.5 to 4.3 V	30.0	15.0	2.0	2-1	Inverting or Non-Inverting	CMOS	No	9.0	12.0	Yes	20-Feb-2008
FAN3229T	Dual 2A High-Speed, Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	3.0	3.0	3.3 to 4.1 V	3.5 to 4.3 V	34.0	19.0	2.0	2-1	Inverting or Non-Inverting	TTL	No	9.0	12.0	Yes	20-Feb-2008
FAN3223C	Dual 4A High-Speed, Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	5.0	5.0	3.3 to 4.1 V	3.5 to 4.3 V	29.0	18.0	2.0	1-1	Inverting	CMOS	No	9.0	12.0	Yes	05-Feb-2008
FAN3225T	Dual 4A High-Speed, Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	5.0	5.0	3.3 to 4.1 V	3.5 to 4.3 V	29.0	17.0	2.0	2-1	Inverting or Non-Inverting	TTL	No	9.0	12.0	Yes	05-Feb-2008
FAN3223T	Dual 4A High-Speed, Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	5.0	5.0	3.3 to 4.1 V	3.5 to 4.3 V	29.0	17.0	2.0	1-1	Inverting	TTL	No	9.0	12.0	Yes	24-Jan-2008
FAN3225C	Dual 4A High-Speed, Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	5.0	5.0	3.3 to 4.1 V	3.5 to 4.3 V	29.0	18.0	2.0	2-1	Inverting or Non-Inverting	CMOS	No	9.0	12.0	Yes	24-Jan-2008

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FAN3224C	Dual 4A High-Speed, Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	5.0	5.0	3.3 to 4.1 V	3.5 to 4.3 V	29.0	18.0	2.0	1-1	Non-Inverting	CMOS	No	9.0	12.0	Yes	08-Jan-2008
FAN3224T	Dual 4A High-Speed, Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	5.0	5.0	3.3 to 4.1 V	3.5 to 4.3 V	29.0	17.0	2.0	1-1	Non-Inverting	TTL	No	9.0	12.0	Yes	04-Jan-2008
FAN3226T	Dual 2A High-Speed, Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	3.0	3.0	3.3 to 4.1 V	3.5 to 4.3 V	34.0	19.0	2.0	1-1	Inverting	TTL	No	9.0	12.0	Yes	04-Jan-2008
FAN3226C	Dual 2A High-Speed, Low-Side Gate Driver	MLP 3x3 8L (Power 33), SO 8L NB	Commercial	-40 to 125 °C	18.0	3.0	3.0	3.3 to 4.1 V	3.5 to 4.3 V	30.0	15.0	2.0	1-1	Inverting	CMOS	No	9.0	12.0	Yes	12-Dec-2007
FAN3227C	Dual 2A High-Speed, Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	3.0	3.0	3.3 to 4.1 V	3.5 to 4.3 V	30.0	15.0	2.0	1-1	Non-Inverting	CMOS	No	9.0	12.0	Yes	07-Dec-2007
FAN3227T	Dual 2A High-Speed, Low-Side Gate Driver	SO 8L NB, MLP 3x3 8L (Power 33)	Commercial	-40 to 125 °C	18.0	3.0	3.0	3.3 to 4.1 V	3.5 to 4.3 V	34.0	19.0	2.0	1-1	Non-Inverting	TTL	No	9.0	12.0	Yes	07-Dec-2007
FAN3100C	Single 2A High-Speed, Low-Side Gate Driver	SOT-23 5L, MLP 2x2 6L (MicroFET)	Commercial	-40 to 125 °C	18.0	3.0	3.0	3.3 to 4.1 V	3.5 to 4.3 V	28.0	15.0	1.0	2-1	Inverting or Non-Inverting	CMOS	No	9.0	13.0	Yes	15-Nov-2007
FAN3100T	Single 2A High-Speed, Low-Side Gate Driver	SOT-23 5L, MLP 2x2 6L (MicroFET)	Commercial	-40 to 125 °C	18.0	3.0	3.0	3.3 to 4.1 V	3.5 to 4.3 V	30.0	16.0	1.0	2-1	Inverting or Non-Inverting	TTL	No	9.0	13.0	Yes	15-Nov-2007