

# Product Selection Guide

AMS-173-5

## BRIDGE & HALF-BRIDGE DRIVERS

IN ORDER OF 1) OUTPUT CURRENT AND 2) OUTPUT VOLTAGE

Output Ratings *		Description	Features			Part Number †
mA	V		Internal Diodes	Outputs	Internal Protection	
±500	18	dual PWM full bridge	X	DMOS	X	3965
±650	30	dual PWM full bridge	X	bipolar	X	3966
	30	dual PWM full bridge	X	bipolar	X	3968
±750	30	dual microstepping full bridge	X	Darlington/Satlington™	X	3967
	45	dual PWM full bridge	X	bipolar	X	2916
	45	dual PWM full bridge	X	bipolar	X	2919
	45	dual PWM full bridge	X	bipolar	X	6219
±800	33	dual PWM full bridge	X	bipolar	X	3964
±1300	50	PWM full bridge	X	bipolar	X	3953
±1500	50	PWM full bridge	sync rect	DMOS	X	3948
	50	microstepping full bridge	X	Darlington/Satlington™	X	3955
	50	dual PWM full bridge	sync rect	DMOS	X	3974
±2000	50	PWM full-bridge	sync rect	DMOS	X	3958
±2500	35	dual microstepping full bridge	sync rect	DMOS	X	3977
±3000	50	3-Ø PWM full bridge	sync rect	DMOS	X	3936
	—	50	PWM full bridge	sync rect	DMOS	3959
—	28	3-Ø MOSFET controller	—	DMOS	X	3933
—	40	3-Ø MOSFET controller	—	DMOS	X	3935
—	40	full-bridge MOSFET controller	—	DMOS	X	3940
—	50	3-Ø MOSFET controller	—	DMOS	X	3932
—	50	3-Ø MOSFET controller	—	DMOS	X	3938

\* Current is maximum specified test condition, voltage is maximum rating. See specification for sustaining voltage limits or over-current protection voltage limits.

† Complete part number includes additional characters to indicate operating temperature range and package style.