

*Derating : 7.6mW/°C for operation above Ta=25°C

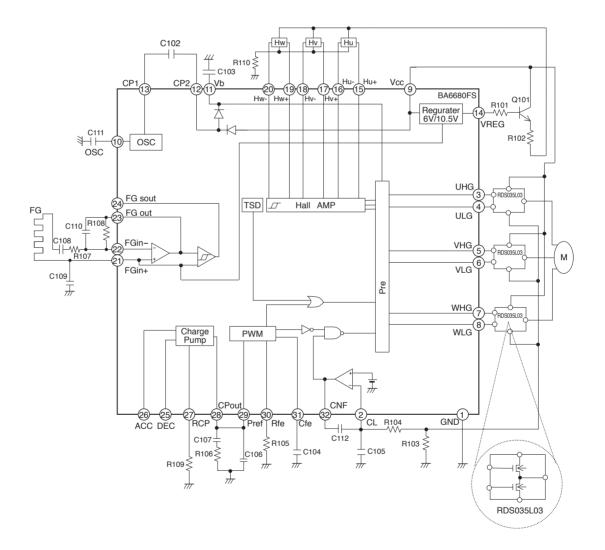
Recommended Operating Conditions (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit
Power supply voltage	Vcc	16	-	28	V



Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Circuit current	lcc	11.7	15.7	19.7	mA	
VREG voltage	VREG	5.4	5.9	6.4	V	IVREG=-1mA
Hall input bias current	Іна	-3.0	-0.7	_	μA	
Hall common-mode input voltage range	VHAR	1.0	-	4.9	V	
Boost voltage	VG	Vcc+6	Vcc+7	Vcc+8	V	
Upper gate High voltage	Vhg	Vcc+6	Vcc+7	Vcc+8	V	
Lower gate High voltage	Vlg	9.5	10.5	11.5	V	
Current detection voltage	Vcl	0.342	0.380	0.413	V	
FG amplifier open loop gain	GVFG	45	54	_	dB	f=3kHz

Application Circuit



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