



● Electrical characteristics (Unless otherwise noted; PVcc1=2.4V, SVcc=VMC=2.5V, VSUB=3.1V, VG=6V)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
<Whole circuit>						
PVCC1 current consumption	IPVCC1	—	1.8	2.7	mA	
<H bridge driver>						
Output ON resistance	RON	—	1.8	2.8		Sum of ON resistance (top+bottom)
<Power>						
SVCC pin threshold voltage 1	SVCCTH1	2.43	2.50	2.57	V	VCNT=0V
SVCC pin threshold voltage 2	SVCCTH2	2.9	3.1	3.3	V	VCNT=2.5V
<Power supply for micro controller>						
VMC pin threshold voltage	VVMCTH	2.4	2.6	2.8	V	LMC=2.3V, VMC=2.3 3V sweep
<Starter circuit>						
VG pin threshold voltage	VVGTH	5.1	6	6.9	V	VLG=5V, VG=5 7V sweep
<Ripple filter>						
Voltage between AVCC-VSUB	VRF	170	205	240	mV	IAVCC=5mA
<Regulator circuit>						
Regulator output voltage 1	VREG1	3.6	3.9	4.2	V	PVcc1=OPEN, PVcc2=6V, VCNT=2.5V
Regulator output voltage 2	VREG2	2.7	2.9	3.1	V	PVcc1=OPEN, PVcc2=6V, VCNT=0V

● Application Circuit

