

VRef 0...2.5V (0.11 Ohm sense resistor)  
 >=2.50V 100% - 1.77A RMS  
 1.25V 50% - 0.88A RMS  
 0.50V 20% - 0.35A RMS

EN (with pull-up)  
 GND driver enabled  
 VCC driver disabled

PDN/UART (with pull-down)  
 GND automatic standstill current reduction  
 VCC automatic standstill power down disable  
 optional UART interface

CLK (with pull-down)  
 GND internal clock  
 optional supply external clock

MS1	MS2	Steps	Interpolation	ChopperMode
GND	GND	8	Yes to 256	stealthChop2
VIO	GND	2	Yes to 256	stealthChop2
GND	VIO	4	Yes to 256	stealthChop2
VIO	VIO	16	Yes to 256	stealthChop2

To access all other modes (eg spreadCycle) you have to use the UART interface.

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MKS TMC2209

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