



Power ICs.....

Stepper Motor Driver ICs

- **Outline** The MTD series is monolithic power ICs that, with fewer external components, can directly drive a motor.
- **Applications**
 1. Stepper motor drive for office equipment products.
 2. Stepper motor drive for industrial robots, automatic equipments.

	Type No.	Operation	Absolute Maximum Ratings(Ta=25°C)			Characteristics	Outline		
			V _{CEO} [V]	I _o [A]	P _T [W]		Package	Fig.	
 HSOP40	MTD1110	Unipolar	80	2	5	Constant-Current chopping function (4-Phase Input)	ZIP27	89	
	MTD1120			1.2					3
	MTD1120F				68		1.5	5	
	MTD1361		1.2	3					
	MTD1361F								
 HSOP28	MTD2001	Bipolar	60	1.5	5		Dual Full Bridge	ZIP27	89
	MTD2002F		35	0.8	3		Dual Full Bridge Current levels can be selected by 2 bit digital signal	HSOP28	81
	MTD2003		30	1.2	5			ZIP27	89
	MTD2003F				3			HSOP28	81
	MTD2005		60	1.3	5			Dual Full Bridge Selectable slow/fast current decay for microstepping	ZIP27
	MTD2005F			1.0	3	HSOP28	81		
	MTD2006		35	1.3	5	Dual Full Bridge Selectable slow/fast current decay for microstepping	ZIP27	89	
	MTD2006F				3		HSOP28	81	
	MTD2007F		50	1.0	3	Dual Full Bridge Current levels can be selected by 2 bit digital signal	HSOP28	81	
	MTD2009J		35	1.2	2.8	Tow Stepper Motor Drivers Selectable slow/fast current decay for microstepping	HSOP40	82	

