



Princeton Technology Corp.





# DC Brushed and Stepper Motor Driver Products

*2018/8/11*

A Leader in Quality and Eco-Friendly IC Solutions for  
Car and Consumer Electronics.








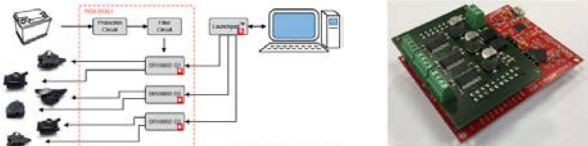
# Y2018 Motor Driver Applications– 2018 2<sup>nd</sup> Half

Market	Products	PTC ICs
<b>Massage Machine</b>		<ul style="list-style-type: none"> <li>◆ PT2470/71/72(DRV8870/71/72)</li> <li>◆ PT2470(A4950)</li> </ul>
<b>Cleaning Robot</b>		<p>Brusher/Wheels</p> <ul style="list-style-type: none"> <li>◆ PT5126A-H</li> <li>◆ PT2470(DRV8870/A4950)</li> <li>◆ PT2473(A4953)</li> </ul>
<b>Security</b>		<p>Stepping Motor</p> <ul style="list-style-type: none"> <li>◆ PT2475(A3988)</li> <li>◆ PT2469(DRV8812)</li> </ul> <p>Brushed DC Motor</p> <ul style="list-style-type: none"> <li>◆ PT2467(DRV8837C)</li> <li>◆ PT6208(BA6208)</li> </ul>
<b>Smart Toilet</b>		<p>Toilet lid</p> <ul style="list-style-type: none"> <li>◆ PT2470(DRV8870/A4950)</li> </ul> <p>Water valve</p> <ul style="list-style-type: none"> <li>◆ PT2466(DRV8837)</li> <li>◆ PT5126A-S/PT5126A-H</li> </ul>

# Y2018 Motor Driver Applications–

Market	Products	PTC ICs
<b>Smart Meter (Gas/Water)</b>		◆ PT2466/67(DRV8837/8837C)
<b>Smart Power Switch</b>		◆ PT5126A-S
<b>Shared Bike</b>		◆ PT2466(DRV8837)
<b>Door Lock/ Electrical Lock Fingerprint Lock</b>		◆ PT2466(DRV8837) ◆ PT5126A-H
<b>Personal Healthcare</b>		◆ PT2466(DRV8837)

# Y2018 Motor Driver Applications–

Market	Products	PTC ICs
<p><b>POS &amp; Thermal Printer</b></p>		<p>Paper scrolling(Stepping Motor)</p> <ul style="list-style-type: none"> <li>◆ PT5139(DRV8833/8833C)</li> <li>◆ PT2469(DRV8812)</li> </ul> <p>Paper Cutting(Brushed DC Motor)</p> <ul style="list-style-type: none"> <li>◆ PT248x*(DRV8800)</li> <li>◆ PT2470(DRV8870)</li> </ul>
<p><b>Stage Effect Lights</b></p>		<p>LV(12V)Stepping Motor</p> <ul style="list-style-type: none"> <li>◆ PT2474*(LV8549)</li> <li>◆ PT5139</li> </ul> <p>HV(24V)Stepping Motor</p> <ul style="list-style-type: none"> <li>◆ PT2469(DRV8812)</li> <li>◆ PT248x*(DRV8841)</li> </ul>
<p><b>OA/Printer</b></p>		<p>Stepping Motor</p> <ul style="list-style-type: none"> <li>◆ PT2477*(DRV8824)</li> <li>◆ PT2478*(DRV8825)</li> </ul> <p>Brushed DC Motor</p> <ul style="list-style-type: none"> <li>◆ PT248x*(DRV8800)</li> </ul>
<p><b>Refrigerator</b></p>		<ul style="list-style-type: none"> <li>◆ PT2474*(LB1909)</li> <li>◆ PT5139</li> </ul>
<p><b>DSC</b></p>		<p>Stepping Motor</p> <ul style="list-style-type: none"> <li>◆ PT2464(BD65492)</li> <li>◆ PT2465(TB6608)</li> </ul> <p>Brushed DC Motor</p> <ul style="list-style-type: none"> <li>◆ PT2466(DRV8837)</li> </ul>
<p><b>HVAC</b></p>		<ul style="list-style-type: none"> <li>◆ PT2469(DRV8802-Q1)</li> </ul>

# DC Brushed Motor Drivers

## H-Bridged Driver for DC brushed motor

Part No.	VCC	VM	CH	Max. Current	Switches Resistance (H+L)	Input Configuration	Protection	Constant Current Regulation	Package Type	Compatible	Status
PT2466	1.8 ~ 6	0 ~ 12	1	1.8A	0.28Ω	IN/IN	UVLO,TSD OCP	-	DFN8 SOP8	DRV8837	MP
PT2467	1.8 ~ 6	0 ~ 12	1	1A	1.0Ω	IN/IN	UVLO,TSD OCP	-	DFN8 SOP8	DRV8837c	MP
PT2468	1.8 ~ 5	0 ~ 12	1	1.8A	0.28Ω	IN/IN	UVLO,TSD OCP	-	SOP8	L9110	MP
PT5102P	2.3~5	2.3~5	1	0.2A	1.3Ω	IN/IN	UVLO,OCP	-	MSOP8	-	MP
PT5126A	2.7 ~ 5	2.0 ~ 24	1	2.8A(HSOP) 1.3A(SOP)	0.51Ω	IN/IN	UVLO,TSD	-	HSOP8	-	MP
PT6208	-	3.0 ~ 12	1	0.2A	8.4Ω	IN/IN	UVLO,TSD	-	SOP8 SOT23-6	BA6208	MP
*PT2470	-	6.5~45	1	3.6A	0.55Ω	IN/IN	UVLO,TSD OCP	√	HSOP8	DRV8870 A4950	ES
*PT2471	-	6.5~45	1	3.6A	0.55Ω	IN/IN	UVLO,TSD OCP	√	HSOP8	DRV8871	ES
*PT2472	-	6.5~45	1	3.6A	0.55Ω	IN/IN	UVLO,TSD OCP	√	HSOP8	DRV8872	ES
*PT2473	-	6.5~45	1	2A	0.8Ω	IN/IN	UVLO,TSD OCP	√	HSOP8 MSOP10	A4953 A4952	ES

\* : ES will be ready on 2018/8.

# Stepper Motor Driver

## Stepper Motor Driver

Part No.	VCC	VM	CH	Max. Current	Switches Resistance (H+L)	Input Configuration	Protection	Constant Current Regulation	Package Type	Compatible	Status
PT2463	-	10 ~ 40	2	1.8A	0.8Ω	PH/EN	UVLO TSD, OCP	√	HTSSOP28	-	MP
PT2464	2.5 ~ 5	2.0 ~ 16	2	2.8A	0.42Ω	EN/IN IN/IN	UVLO, TSD	-	SOP16 QFN24	BD65492	MP
PT2465	2.7 ~ 5	2.5 ~ 16	2	0.8A	1.5Ω	CK/PH/EN	UVLO, TSD	√	TSSOP20	TB6608	MP
PT5139	-	2.7 ~ 15	2	0.7A	1.17Ω	IN/IN	UVLO TSD, OCP	√	HTSSOP16 QFN16	DRV8833 MP6507	MP
PT2469	-	8 ~ 45	2	1.6A	1.5Ω	PH/EN/IN	UVLO TSD, OCP	√	HTSSOP28	DRV8812	MP
**PT2474	-	2.5 ~ 16	2	0.8A	1Ω	EN/IN IN/IN	UVLO, TSD	-	SOP10	LB1909	Design
*PT2475	3.0~5.5	8 ~ 36	4	1.4A	1.4Ω	PH/EN/IN	UVLO, TSD	√	QFN36 LQFP48	A3988	ES
**PT2477	-	8 ~ 45	2	1.6A	1.5Ω	PH/EN/IN 32u-step	UVLO TSD, OCP	√	HTSSOP28	DRV8824	Design
**PT2478	-	8 ~ 45	2	2.5A	0.5Ω	PH/EN/IN 32u-step	UVLO TSD, OCP	√	HTSSOP28	DRV8825	Design

\* : ES will be ready on 2018/8.

\*\* : ES will be ready on 2018/12.

**Thank you~**