



## Product Overview

### LV8716QA: Dual H-bridge Motor Driver

For complete documentation, see the data sheet

#### Product Description

LV8716QA is 2ch H-bridge driver in the forward/reverse/brake/standby 4 mode corresponding to a low voltage drive. It is the best for the stepper motors for a battery drive, such as a mobile printer and DC motors.

Features	Benefits
<ul style="list-style-type: none"> <li>Available constant current control less RF high power resistance</li> <li>Low ON resistance (Upper side : 0.65 <math>\Omega</math> , Lower side 0.35 <math>\Omega</math> : Ta=25°C, Io=1.0A)</li> <li>Built-in UVLO, TSD circuit</li> <li>Standby current 0A</li> <li>Motor supply voltage range: 2.7V to 10.5V</li> <li>Small Package</li> <li>4 mode of forward/reverse/brake/standby</li> <li>BiDCMOS process IC</li> </ul>	<ul style="list-style-type: none"> <li>Low cost and easy design</li> <li>High Efficiency</li> <li>Safety Design</li> <li>Low consumption</li> <li>Available low input voltage device, wide operating voltage</li> <li>Reduction of substrate size</li> </ul>

Applications	End Products
<ul style="list-style-type: none"> <li>Stepper/Brush DC Motors</li> <li>Portable Device</li> <li>Industrial</li> </ul>	<ul style="list-style-type: none"> <li>Barcode Printer</li> <li>Label Printer</li> <li>Card Terminal</li> <li>POS Printer</li> <li>Toy</li> </ul>

#### Part Electrical Specifications

Product	Compliance	Status	Type	V <sub>M</sub> Min (V)	V <sub>M</sub> Max (V)	V <sub>CC</sub> Min (V)	V <sub>CC</sub> Max (V)	I <sub>O</sub> Max (A)	I <sub>O</sub> Peak Max (A)	Step Reso lution	Cont rol Type	Feed back Meth od	Curr ent Sens e	Reg ulato r Outp ut	Fault Dete ction	Flyb ack Prot ectio n	R <sub>DS(on)</sub> Typ (Ω)	Pack age Type
LV8716QA-MH	Pb-free Halide free	Active	Stepper/Brush DC	2.7	10.5	2.7	10.5	1	1.5	1 1/2	Parallel		External Resistor		Over-Current Thermal UVLO		1	QFN-16

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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