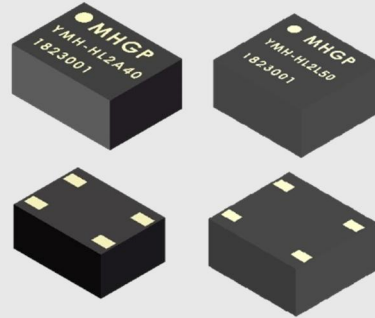


# A Disruptive Innovation

## MIH<sup>®</sup> Photonic Isolated Power Supply



### YMH-HL Series

### Features

- Replaces Conventional Isolated Power Sources
- Provides Isolated Power to Gate Driver
- Reduces Power Supply Coupling Capacitance
- Customizable Voltage, Current, and Isolation Levels
- Packaging Options Include: 4 pin DFN

### Advantages

- Low Cost and Small Footprint
- Excellent Noise Immunity
- Easy to Use
- High Output Power

### Applications

- MOSFET / IGBT Gate Driver
- Switch Mode Power Supply
- Inverter / Converter
- Motor Driving Module
- Variable-frequency Drive

### Product Specifications

Product No.	Voltage Output <sup>a</sup>	Current Output <sup>b</sup>	Voltage Isolation <sup>c</sup>	Package
YMH-HL2A40	10V	2.5mA	3,000V	DFN (11.4 x 8.4 x 5mm)
YMH-HL2L50	20V	3.0mA	3,000V	DFN (11.84 x 10.8 x 6mm)

a. Flexible output voltages; negative bias output voltages possible: +15V / -5V

b. Roadmap to up to 25mA current output

c. Roadmap to > 10kV voltage isolation



MAKE *it*  
HAPPEN

MIH<sup>®</sup>

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