

# Application Guide

Industrial I/O	Application	iC-Haus Solution
	24 V I/O Port / 24 V Input	<a href="#">I/O iCs</a> / <a href="#">iC-HC</a>
	24 V Output Driver / Level Shifter	<a href="#">Output Stages</a>
	5 V / 24 V RS422 Line Driver / Encoder Link	<a href="#">Line Driver</a> / <a href="#">Encoder Link</a>
	IO-Link Transceiver / BiSS / SSI Interface	<a href="#">iC-GF</a> / <a href="#">iC-MB4</a>
	Solenoid Valve + Relay Driver / Bistable Relay Driver	<a href="#">Relay Driver</a> / <a href="#">iC-DY6818</a>
	ABZ Quadratur Interface / Sine/Cosine Interface	<a href="#">iC-MD</a> / <a href="#">iC-MR</a>
Medical System	Application	iC-Haus Solution
	Medical Diode Laser (LLLT / Softlaser / Acupuncture)	<a href="#">Laser Driver</a>
	Medical Valve	<a href="#">iC-GE</a> / <a href="#">iC-GE100</a>
	Centrifuge Motor Control	<a href="#">iC-MH8</a> / <a href="#">iC-MH16</a>
Motion Control	Application	iC-Haus Solution
	Optical Position Encoder / <a href="#">Encoder blue®</a>	<a href="#">Optical Encoder</a> / <a href="#">Encoder blue®</a>
	Magnetic Position Encoder / Multiturn Encoder	<a href="#">Magnetic Encoder</a> / <a href="#">iC-PV</a> / <a href="#">iC-PMX</a>
	Sine/Cosine Interpolation	<a href="#">Signal Conditioning</a> / <a href="#">Interpolators</a>
	UVW Motor Commutation (Optical / Magnetic)	<a href="#">iC-LTA</a> / <a href="#">iC-PT H-Series</a> / <a href="#">iC-MH8</a> / <a href="#">iC-MH16</a>
	ABZ Position Counting / Quadrature Encoder Interface	<a href="#">iC-MD</a>
Safety	Application	iC-Haus Solution
	Safety Light Barrier / Curtain (Single / Multi Beam)	<a href="#">Safety Light Curtain</a>
	Fail-Safe FET Driver	<a href="#">iC-MFL</a>
	Safety Signal Driver	<a href="#">iC-MSB</a>
	Encoder Safety Monitor	<a href="#">iC-RC1000</a> / <a href="#">iC-MR</a>
Sensor System	Application	iC-Haus Solution
	Optical Image Sensor	<a href="#">Optical Sensors</a>
	Optical Triangulation Position Sensor	<a href="#">iC-LO</a>
	Magnetic Speed Sensor	<a href="#">iC-MZ</a>
	Magnetic Linear / Rotary Position Sensor	<a href="#">Magnetic Sensors</a> / <a href="#">iC-MU</a> / <a href="#">iC-MHL200</a>
	Sensor Signal Conditioning (SSC)	<a href="#">Signal Conditioning</a>
	IO-Link Transceiver (Single/Dual)	<a href="#">iC-DXC</a> / <a href="#">iC-GF</a>
	NPN / PNP / PP Sensor Output	<a href="#">Output Stages</a>
	Analog / Digital Sensor Power Supply	<a href="#">iC-DC</a>
	MEMS Pressure / Flow / Gas Sensor	<a href="#">iC-HO</a>
Laser System	Application	iC-Haus Solution
	Laser Diode Driver Module / Embedded Laser Diode Driver	<a href="#">Laser Driver</a> / <a href="#">iC-HT</a> / <a href="#">iC-HTP</a>
	RGB Laser Diode Driver Module / LIDAR / TOF	<a href="#">iC-HG</a>
	Optical Laser Measurement Tools	<a href="#">Tools iC149/212/213/249</a>
Lighting Module	Application	iC-Haus Solution
	Car / Laser TV / Laser Projection or LED Lighting	<a href="#">iC-HG</a>
	Optical Encoder LED	<a href="#">LEDs</a>