

Application Guide

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