

ATE ICs	
Pin Electronics	VENUS, VENUSPLUS, VENUS2, VENUS3, VENUS4, VENUS4MLF, MERCURY, SATURN, PLUTO, PLUTO2
DPS/PMU/VI	NEPTUNE, PLUTO, PLUTO2, JUPITER, TRITON
Pin Drivers	EL715x, ISL55100A/B, ISL55110, ISL55111

Amplifiers/Buffers	
Amplifiers/Buffers (Precision, High Speed, Low Power, and General Purpose)	CA31xx/A, CA32xx/A, CA3420, CA5260/A, CA5420A, EL150x, EL151x/A/B, EL152x, EL1537/A/B, EL2045, EL21xx, EL22xx, EL2480, EL4543, EL5027, EL510x, EL512x, EL513x, EL51xx/A, EL52xx, EL53xx/A, EL54xx, EL5525, EL5623, EL5825, EL810x, EL817x, EL8188, EL820x, EL830x, EL840x, EL9110, HA-2404, HA-2510/883, HA-252x, HA-2539, HA-2540, HA-26xx, HA4600, HA-4741, HA-50xx, HA-51xx/A, HFA11xx, HFA1305, HFA1405, HFA1412, ICL76xx, ISL15xx, ISL281xx, ISL282xx, ISL284xx, ISL550xx, ISL5519x, ISL5529x, ISL5911x, ISL59311, ISL5983x
Comparators	HA-4900, HA-4902, HA-4905, ISL28196, ISL28197
Fully Differential Wideband Amplifier	ISL55020, ISL59311, ISL5983x
High Output Current (DSL Line Drivers)	EL15xx, ISL15xx
Instrumentation Amplifiers	EL8170, EL8171, EL8172, EL8173, ISL2827x, ISL28470, ISL28474
Precision Amplifiers	EL8176, EL8178, EL8188, ISL281xx, ISL282xx, ISL284xx
RF Amplifiers	ISL5500x, ISL5501x
TFT-LCD Voltage References	EL5x25, EL5x26
Transistor Arrays	CA3054, CA3083, CA3102, CA3127, HFA3046, HFA3096, HFA31xx
V _{COM} Amplifiers	EL51xx, EL52xx, EL53xx, EL54xx, EL5524, EL56xx, EL5724, EL58xx, EL92xx

Automotive ICs	
Battery Management	ISL625x/A, ISL88731/A, ISL9209B/C, ISL9212A/B
Data Converters	HI5660, ISL76161
Digital Potentiometers (DCPs)	ISL22416, ISL90727, ISL90728, ISL96017
Display ICs	ISL45042, ISL780xx, ISL9770x
Isolated Power	ISL674x, ISL675x
LED Drivers	ISL78100
Linear Regulation	ISL6412, ISL9003A, ISL9008A
LNB Controllers	ISL6422, ISL6423B
Power Supply Support	ISL6125, ISL6130, ISL8702A, ISL8723
Special Analog	HIP9011, ISL55110
Switches/MUXes/Crosspoints	ISL54xx/A/B, ISL76120, ISL84467
Switching Regulation	ISL62xx/A/B/C, ISL63xx/A/B, ISL64xx, ISL65426, ISL6563, ISL8502, ISL8843, ISL9106, ISL9440, ISL97656, ISL6549
Voltage References	ISL60002

Battery Management	
Cell Balancing and Safety	ISL9208, ISL921x, ISL9420x
Battery Status Monitors and Backup Switches	ICL7673
Charge System Safety	ISL9200, ISL9209B/C, ISL9211, ISL9212A/B
Fuel Gauges	ISL6295
Multiple Cell Li+/Polymer Battery Chargers	ISL625x/A, ISL88731
Single Cell Li+/Polymer Battery Chargers	ISL629x/A/B/C/D, ISL920x/A/B/C/D, ISL921x/A, ISL922x/A, ISL9301
Battery Authentication	ISL6296/A, ISL9206/A

Broadband	
DSL Power	ISL6441
SSTB (Satellite Set-Top Box)	ISL6405/06, ISL6421/A, ISL6424/25, ISL644x, ISL6521
WLAN Power	ISL641x, ISL6455/A, EL753x, ISL97536

Communications ICs	
DSL Line Drivers and Receivers	EL15xx, EL2227, ISL15xx
Power Line Communications (PLC)	ISL1571, ISL1572
10G Ethernet	BBT3420, BBT3821, ISL35822

Communications ICs (Continued)

Laser Diode Control	X952x, X9530
SERDES	ISL34340
Voice Over IP	CD22M3494, HC55xx, ISL5571A, ISL5585, ISL5586

D2Audio	
Digital Amplifier ICs	D2-814xx, D2-914xx, D2-926xx

Data Converters	
Analog Front Ends	ISL98001-xxx, X9801x, X9802x, ISL51002-xxx
Analog to Digital Converters (ADCs)	HI3276, HI5662, HI-5701, HI57xx, HI-574A, HI58xx, HI-674A, HI-7159A, HI71xx, ICL71xx
Digital to Analog Converters (DACs)	AD7521, CA3338/A, HI3338, HI5628, HI-565A, HI5660, HI57xx, HI5828, HI5860, HI5960, HI-DAC80V, ISL5627, ISL5629, ISL57xx, ISL58xx, ISL59xx, X7900x
Sample and Hold Amplifiers	HA-242x, HA-5320, HA-5330, HA5351
High Speed, Low Power ADCs	KAD55xx, KAD56xx, KAD27xx

Digital ICs	
DSP Function-Specific	HMP81xx, HSP43xxx, HSP45xxx, HSP50xxx, HSP9501, ISL52xx, ISL5314, ISL5416
Memory	HM-65xx/883, HM-65162/883, HM-65642/883, HM-66xx/883, X28Cxxx, X28HC256, X28HC64
MicroP/C	80C286, 80C286/883, 80C8x, 80C8x/883, 82Cxx, CDP1802A, CDP68HC68T1, HD-1553x, HD-4702, HD-64xx, HS-318x, ICM721xx, MP82C55A, MQ82C55A, MS82C55A

Digital Potentiometers (DCPs)	
Digitally Controlled Potentiometers (DCPs)	ISL223xx, ISL224xx, ISL22511, ISL22512, ISL2351x, ISL2371x, ISL9046x, ISL9072x, ISL908xx, ISL9531x, ISL9571x, ISL9581x, ISL96017, X9015, X911x, X92xx, X931xx, X9325x, X94xx, X9511, X958x0, X9C10x, X9Cx03
Digitally Controlled, Capacitors (DCCs)	X90100

Display ICs	
V _{COM} and Gamma Buffers	EL5027, EL51xx, EL52xx, EL53xx, EL54xx, EL552x, EL56xx, EL5724, EL58xx, EL92xx, ISL2400x, ISL248xx, ISL4504x
Integrated DC/DC Regulators	EL75xx/A, EL76xx/A, ISL780xx, ISL975xx, ISL976xx
Light Sensors	EL7900, ISL2900x, ISL2901x
White LED Drivers	EL7513, EL7630, ISL78100, ISL9763x, ISL97801, ISL97636/A
OLED Power ICs	ISL97701, ISL97702
LCD and LED Display Drivers	ICM72xx
Level Shifters	ISL240xx, EL5000A

Hot Plug Controllers	
Single Rail	ISL611x, ISL612x, ISL614x, ISL615x
Dual Rail	ISL6118, ISL6119, ISL6160, ISL6161, ISL6173, HIP10xx
High Voltage Telecom/Datacom	ISL614x, ISL615x
PCI	HIP1011/A/B/D/E, ISL6111
PCI Express	ISL6112, ISL6113, ISL6114

Interface ICs	
RS-232	HIN2xx/A/E, ICL232, ICL32xx/E, ISL42xxE, ISL83xxE, ISL8563E
RS-485/RS-422	ISL31xxE, ISL32xxE, ISL4348x/E, ISL448x/E, ISL4491E, ISL8148x/E/L, ISL8307x/E, ISL8308x/E, ISL8348x, ISL8349x, ISL848x/E, ISL849x/E
Multi-Protocol	ISL333x, ISL413xx, ISL8133x
I ² C and SMBus Buffers and Accelerators	ISL88694

Isolated Power	
Single-Ended (Flyback and Forward)	ISL6401, ISL672x/A, ISL684x/A, ISL884x/A
Double-Ended (Push-pull, Bridge, Bus Converters, Interleaved)	ISL674x
Zero-Voltage-Switching (ZVS) Full Bridge	ISL6551, ISL675x

LNB Controllers	
Single	ISL6421/A, ISL6423/B, ISL6425
Dual	ISL6405, ISL6422/B, ISL6424

Linear Regulation	
Low Noise	ICL7663S, ISL641x
Low Power	ISL900x/A, ISL901x/A
High Voltage	ISL6720A, ISL6719

Military/Space	
JM38510	JM38510
DESC SMD (Non Rad-Hard)	5962-xxxx, 5962-062070xQxA
Standard /883	80Cxxx/883, HA-xxxx/883, HD-xxxx/883, HI-xxx/883, HI-xxx/883, HI-xxxHS/883, HM-6xxx/883
VID/EP	ISL22316WMUEP, ISL223x6WMVEP, ISL9000AMRNCEP, ISL6420BMAEP, ISL65426MREP, ISL884xAMBEP, ISL8560MREP
Radiation Hardened ICs	ACSxxMS, ACSxxxMS, ACTSxxMS, ACTSxxxMS, CD14538BMS, CD40xxBMS, CD40xxxBMS, HCSxxMS, HCSxxxMS, HCTSxxMS, HCTSxxxMS, HS-xxxRH, IS-xxxRH, ISL7xRH

Optical Storage	
CD-R/RW or (CD-R/RW + DVD-ROM) Combo Drive	EL614x, EL620x, EL682x, EL6830
DVD-ROM or DVD-Player	EL620x
DVD Recorder (DVD±R/RW)	EL6238, EL629x, EL683x, EL691x, EL693x
Home Use DVD Recorder (DVD±RW+CD-ROM)	EL629x, EL691x, EL6140, EL6830
CD-R/RW+DVD-R/RW+Blue Combo Drive - LDD with Waveform Generator	ISL58767

Power MOSFET Drivers	
Integrated FET Bridge and High-Side Drivers	HIP4020, ISL6801
Full Bridge and Three-Phase	HIP408x/A, ISL8320x/A
Half Bridge	HIP210x/A, ISL211x, ISL6700, ISL8940x
Low Side	EL71xx, EL72xx, EL74xx, ICL7667
Synchronous Buck	ISL62xx, ISL6614A/B, ISL6594A/B/D, ISL6596, ISL66xx/A/B, HIP660x/B, PX3511A/B/D

Power Supply Support	
ORing FET Control	ISL6144
Power Sequencers	HIP1020, ISL612x, ISL6130, ISL87xx/A
Supervisors	ICL7665S, ISL613x, ISL6536/A, ISL880xx, ISL887xx, ISL88813, X400xx, X4003, X4003x, X4005, X40231x, X4041x, X40420, X40421, X4043, X4043x, X4323, X4325, X45620, X4C105, X5001, X504x, X5083, X516x, X532x

Precision Analog	
Digitally Controlled Potentiometers	See Digital Potentiometers (DCPs)
Instrumentation Amplifiers	EL8170, EL8171, EL8172, EL8173, ISL2827x, ISL28470
Precision Amplifiers	EL8176, EL8178, EL8188, ISL281xx, ISL282xx, ISL284xx
Precision Voltage References	ISL21007, ISL21009, ISL60002, X60003

Special Analog	
CCD Drivers	EL7243, EL7457, ISL55110, ISL55111
Sensor Conditioners	X96010, X96011, X96012
RF Power Amplifier Control	X9470
Engine Knock Sensors	HIP9011

Special Analog (Continued)

Multipliers	HA-2556
Comparators	ISL55141, ISL55142, ISL55143

Switches/MUXes/Crosspoints

USB Switches	ISL542xx, ISL544xx, ISL76120
Low Voltage (Sub 0.5Ω)	ISL43L1xx, ISL43L12x, ISL43L410, ISL43L420, ISL43L71x, ISL43L84x, ISL5404x, ISL5405x, ISL83699, ISL84467, ISL84684/II, ISL8471x, ISL84762, ISL8478x, ISL8484, ISL8499
Low Voltage (1.8V to 5.5V)	ISL5405x, ISL5450x
Medium Voltage (2V to 12V)	ISL43xxx, ISL512x, ISL83xx, ISL84xxx
High Voltage (5V to 34V)	DG4xx, HI-1818A, HI-20x, HI-303, HI-390, HI-504x, HI-5051, HI-50x/A, HI-516, HI-518, HI-524, HI-539, HI-546x
Video MUXes with Integrated Op Amps	CD22M3494, EL43xx, EL4544, HA43xxB, HA4404B, HA456, ISL594xx, ISL5953x
DVI/HDMI	ISL54102, ISL54100, ISL54101
Audio	ISL5400x, ISL54405x

Switching Regulation

Backlight Drivers	ISL97801
Boost Controllers	ISL672x/A, ISL684x, ISL884x/A
Charge Pumps	ICL7660/S
Digital Multiphase	ISL6594A/B/D, ISL6595, PX3511A/B/D
Integrated FET DC/DC	EL75xx, ISL6273, ISL6410/A, ISL6455/A, ISL65426, ISL8009A, ISL801x, ISL85xx, ISL910x, ISL9751x/A, ISL97536, ISL97656
LCD Display Power	EL7515, EL7516, EL7520/A, EL758x/A, EL764x/A, ISL9751x/A, ISL97522, ISL97536, ISL9764x, ISL9765x/A
Microcontroller-Friendly	ISL6729
Multiphase Controllers	HIP630x, HIP6311/A, ISL62xx, ISL63xx/A/B/C, ISL6552, ISL655xx/A/B
Non-Isolated PWM Controllers	HIP60xx/B, HIP65xx/A, ISL62xx/A, ISL623xx, ISL6271A, ISL630xx/A, ISL64xx/A, ISL65xx/A, ISL810x/A/B, ISL81xx, ISL88550A, ISL9440/A, ISL9441
OLED Power ICs	ISL97701, ISL97702
Single Phase Controllers	ISL6263C, ISL6287x, ISL6314
Single Output	EL75xx, HIP60xx, ISL621xx, ISL6341/A/B, ISL64xx/A, ISL652x/A, ISL6535, ISL654x/A, ISL8009A, ISL801x, ISL810x, ISL8118, ISL8500, ISL8502, ISL8540, ISL8560, ISL910x, ISL9751x/A, ISL97536, ISL97656
White LED Drivers	EL7513, EL7630, ISL97xxx

Timing Circuits

Real Time Clocks	ISL12020M, ISL1202x, ISL1203x, ISL120x, ISL12082, ISL12xx
Clock Generators	ISL14010, ISL14011, ISL14017
Counter/Time Base ICs	ICM7242, ICM7555, ICM7556

Video ICs

Analog Crosspoint Switches	EL4544, HA456, ISL5953x, CD22M3494
Analog Front Ends	ISL98001, ISL98002, X98014, X98017, X9802x, ISL51002
CAT-5 Video Line	EL4543, EL517x, EL537x, EL911x, ISL59311
DDC Accelerators	ISL54103
DVI/HDMI	ISL5410x/A
Buffered Video MUXes	EL4332, EL434x, HA43x4B, HA4404B, ISL5942x, ISL5944x, ISL5945x, ISL5948x
Video DC-Restore Amplifiers	ISL4089, EL4093
Video Filters	ISL5911x, ISL59123, ISL5983x
Video Genlocks	EL4584, EL4585
Video Sync Separators	EL1881, EL1883, EL4501, EL4511, EL4581, EL4583, ISL59885
Video Amplifiers	CA3054, CA3102, EL2045, EL21xx, EL22xx, EL2480, EL51xx, EL52xx, EL53xx/A, EL54xx, EL81xx, EL82xx, EL830x, EL840x, HA-2539, HA-2540, HA-262x, HA-5020, HA502x, HA-51xx, HFA11xx, HFA1412, HFA3102, ISL5911x, ISL5983x

Voltage References

Voltage References	ISL21007, ISL21009, ISL21060, ISL60002, X60003, X60250
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