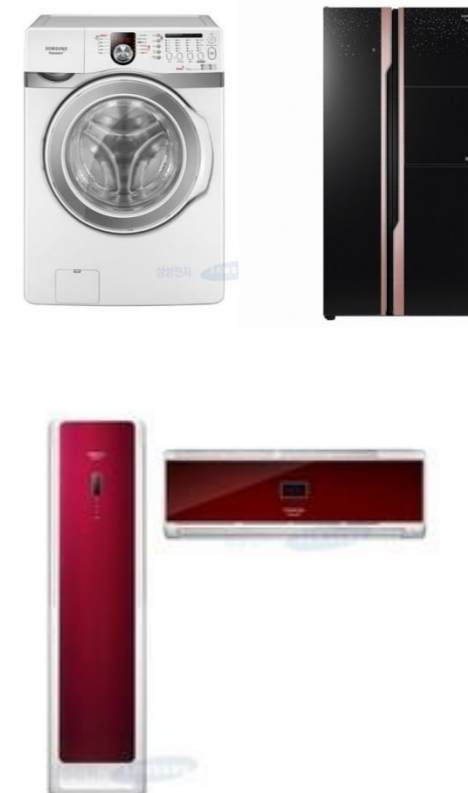


IK Focus Products

1. Home Appliances

P/N	Function	Competitor
ILN2003A / ILN2004A	Darlington Transistor Arrays	Toshiba, KEC, UTC
IK62083 / IK62084	8 CH Darlington Sink Driver	Toshiba, KEC, UTC
IK62783 / IK62784	8 CH High-Voltage Source Driver	Toshiba, KEC, UTC
IK2102	LED Driver with Key Scan	PTC (PT6964)
IK2108A	LED Display Driver	IK Own
IK2802 / IK2804 / IK2816	Constant Current LED Driver	Macroblock (MBI1802/04/16)
IK6019A	Stepper Motor Driver	IK Own
IL33153	IGBT Driver	Onsemi (MC33153P)
IL358 / IL393 etc	OP Amp, Comparator	Comon

Application



Customer : SAMSUNG, LG, DAEWOO

IK Focus Products

2. STB, DVD, DVR, VCR

P/N	Function	Competitor
IK2102	LED Driver with Key Scan	PTC (PT6964)
IK2107	LED Display Driver	PTC (PT6955)
IK2108A	LED Display Driver	IK Own
IK5302	3A DC-DC	AOS, MPS
IK6146	Video Filter Driver	FairChild (FMS6146)
ILX232 / ILX3232 ILX485/ILX3486 ILX75176	Interface ICs	Maxim, Sipex, TI, ST
IL1117-xx	LDO	ST, BCD, UTC
IN1307 / IN1363	Real Time Clock	Dallas(DS1307), NXP(PCF8563)
IL358, IL4558, IL4560 etc	OP-Amp	Common
HC164, HCT164 etc	Logic ICs	Common

Application



Customer : HUMAX

IK Focus Products

3. Telephone, Home Automation(Door/Video Phone)

P/N	Function	Competitor
IL2533	Telephone One-Chip IC	AMS (AS2533)
IL34118	Speaker IC	On Semi (MC34118)
KL34018	Speaker IC	On Semi (MC34018)
IL34119	Telephone Audio Amplifier	On Semi (MC34119)
ILA1062 / ILA1062A	Transmission with Dialer Interface	UTC (TEA1062/A)
IL6965	Speech Network with Dialer Interface	UTC, Above (GL6965)
IL6840	Telephone Ringer	UTC, Above (GL6840)
IL2411	Telephone Ringer	UTC, FairChild
IL2418	Telephone Ringer	UTC, FairChild

Application



Customer : LG Ericson

IK Focus Products

4. Automotive

P/N	Function	Competitor
IK8001	Alternator Regulator with RVC Protocol	IK Own
IK8002	ASIC for Heating-Seating & Handle-Warmer	IK Own
IK8508	Head-Lamp Leveling	Philips (TDA3629)
IK8509	Power Folding for Side-Mirror	IK Own
IN7100N IN7100MQ	Automotive Digital Clock	SAMSUNG (KS5127B) HOLTEK (HT16561)
IL33193	Automotive Direction Indicator	Motorola (MC33193)
IL33193-03	Automotive Direction Indicator	Motorola (UAA1041B) Atmel (U643B)
IL33197	Automotive Wash Wiper Timer	Motorola (MC33197)
IL33290	ISO K Line Serial Link Interface	Motorola (MC33290)
ILA82C251	CAN Transceiver for 24V systems	Philips (TCA82C251)
IL8190	Precision Air-Core Tach/Speed Driver	Cherry Semi (CS8190)
ILE4264-2G	Low Dropout Voltage Regulator 5V, 100mA	Infineon (TLE4264-2G)
ILE4278	Low-Dropout Voltage Regulator 5V, 100mA	Infineon (TLE4278)
IL2931-xx	Positive Low-Drop Regulator	ONSEMI (LM2931Z-xx)

Application



Customer

HYUNDAI, KIA, DAEWOO, GM



IK Focus Products

5. Interface ICs

P/N	Function	Competitor
ILX232	Drivers / Receiver (RS-232)	MAXIM, SIPEX, TI
ILX3232	Drivers / Receiver 3.3V (RS-232)	MAXIM, SIPEX, TI
ILX485	Drivers / Receiver (RS-485)	MAXIM, SIPEX, TI
ILX3485	Drivers / Receiver 3.3V (RS-485)	MAXIM, SIPEX, TI
ILX3085	Interface Transceiver of the Serial Data of the standard RS-485/RS-422	MAXIM (MAX3085E)
ILX75176	Low-Power, Slew-Rate-Limited RS-485/RS-422 Transceivers	TI (SN75176), Fairchild

Application

: STB, DVR-CCTV System, Thermostat (Air Conditioning and Heating), Home-Appliances, Home Network System(Video/Door-Phone), Card-Reader Machine, LED Lighting(Panel Lighting), Automotive(Tachometer)

IK Focus Products

6. LED Lighting

P/N	Function	Competitor
IL9910	Universal High Brightness LED Driver	Supertex (HV9910)
IK2802 IK2804 IK2816	Constant Current LED Driver (2/4/16 CH)	Macroblock (MBI18xx)
IL34262 IK6562	Power Factor Controller	Motorola (MC34262) ST (L6562) BCD (AP1662)
IK3051/A	Constant Voltage & Constant Current Controller	ST (TSM1051) BCD (AP4305 / AP4313) AUK, ROHM
KL103A	Dual Operational Amplifier & Voltage Reference	ST (TSM103A) BCD (AP4300 / AP4310)
IL317L	Adjustable Output Positive Voltage Regulator	ST (LM317L)
IL9921/22/23	3 –PIN Switch-Mode LED Lamp Driver IC With Build-In MOSFET	Supertex (HV9921/22/23)

Application



Customer

: LG INNOTEK, KUMHO ELECTRIC

IK Focus Products

7. Special / Common Items

P/N	Function	Competitor	Remark
IL7101 IL54123 IL4145	Ground Fault Interrupter Earth Leakage Current Detector	GL7101, KA2803 M54123 RV4145	More than 70% Market-Share in Korea
IL33153	Single IGBT Gate Driver	MC33153	Rice-Jar, Medical Devices
ILN2003 / 2004 IK62083 / 62084 IK62783 / 62784	Darlington Transistor Arrays 8CH Darlington Sink Driver 8CH High-Voltage Source Driver	TOSHIBA UTC KEC	Home Appliances (Washing-Machine, Air-Conditioner, Refrigerator etc)
IK3051A	Constant Current & Constant Voltage Controller	ST, Rohm, BCD, AUK	Charger for Mobile & Digital Camera
IL1117-xx	LDO	Common	IK No.1 Sales-Item
IL2576-xx IL2596-xx IK1509-xx	Switching Voltage Regulator	Common	Power Application like SMPS
IL34063 IK5302	DC-DC Converter 3A DC-DC Converter	Common	
ILX232 / ILX3232 ILX485 / ILX3485 ILX3085 IK75176	Interface IC (RS232 / RS485)	MAXIM, SIPEX, ST, TI	STB, CCTV-DVR System, Navigation, LED Lighting, Card-Reader Machine, Power-Meter, Ammeter etc

IK Focus Products

8. Special / Common Items

P/N	Function	Competitor	Remark
IN16C554 IN16C554A IN16C1054 IN16C1058	UART IC	Oxford Exar TI ST	
IN74LS06 IN74LS07	Logic IC (LS Series)	TI	SAMSUNG PRINTER
IL33035	Brushless DC Motor Controller	Motorola (MC33035)	
IL494	Pulse-Width-Modulation Control Circuit	BCD, TI	
IN1232	Low Power Micro Monitor Chip (Reset)	Dallas (DS1232)	
TL431Z	Programmable Precision Reference	Common	
IL78Lxx	Positive Voltage Regulator	Common	
IN1307, IN1363	Real Time Clock IC	Dallas (DS1307) Philips (PCF8563)	