

## Available Report List

Part Number	Manufacturer	Device Type	Device Description	Report Type
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### ADC/DAC

CS1237	ChipSea	ADC	High Precision, Low-Power, Analog-to-Digital Converter	Brief Report+Partial CA
SABRE9018 <i>New</i>	ESS	DAC	32-bit Hyperstream™ Audio DAC	Brief Report+Partial CA
AD9739	Analog Devices	DAC	14-Bit, 2.5 GSPS, RF Digital-to-Analog Converter	Brief Report+Partial CA
DAC7512	Burr-Brown	DAC	Low-Power, Rail-to-Rail Output, 12-Bit Serial Input Digital-to-Analog Converter	Brief Report+Full CA
AD9726	Analog Devices	DAC	16-Bit, 400 MSPS D/A Converter	Brief Report+Full Image
MAX5885	MAXIM	DAC	3.3V, 16-Bit, 200MSPS High Dynamic Performance DAC with CMOS Inputs	Brief Report+Full Image

### Sensor

WS7825 <i>New</i>	Will Semi	Sensor	Micropower CMOS Output Hall Effect Switch	Brief Report+Full CA
BME280 <i>New</i>	BOSCH	Sensor	Combined Humidity and Pressure Sensor	Brief Report+Partial CA
FL214 <i>New</i>	fortemedia	Sensor	Analog MEMS Microphone IC	Brief Report+Full CA
ACPL-064L	Avago	Sensor	Ultra Low Power 10 MBd Digital CMOS Optocouplers	Brief Report+Partial CA
ACPL-C87B	Avago	Sensor	Precision Optically Isolated Voltage Sensor	Brief Report+Full CA
NSA2300	NOVOSENSE	Sensor	General Sensor Conditioner with Digital Temperature Calibration	Brief Report+Partial CA
AK7372	AKM	Sensor	Hall Sensor	Brief Report+Partial CA
BMP280	BOSCH	Sensor	Digital Pressure Sensor	Brief Report+Partial CA
SHTC1	Sensirion	Sensor	Humidity and Temperature Sensor IC	Brief Report+Full CA
AK8789	AKM	Sensor	Hall Effect Switch	Brief Report+Full CA
STK3311	Sensortek	Sensor	Ambient Light Sensor and Proximity Sensor with Built-in IR LED	Brief Report+Partial CA
LMT70	TI	Sensor	±0.05°C Precision Analog Temperature Sensor, RTD and Precision NTC Thermistor IC	Brief Report+Full CA
IMX122	SONY	Sensor	Image Sensor	Brief Report+Partial CA
AT30TSE004A	Atmel	Sensor	Integrated Temperature Sensor with Serial EEPROM	Brief Report+Partial CA
MCP9844	Microchip	Sensor	±1°C Accurate, 1.8V Digital Temperature Sensor	Brief Report+Partial CA
PO3100	Pixelplus	Sensor	CMOS Image Sensor with 1312 x 740 Pixel Array	Brief Report+Partial CA
CMV2000	CMOSIS	Sensor	2MP High Speed Global Shutter Image Sensor	Brief Report+Partial CA
HCPL-2300	HP	Sensor	8 MBd Low Input Current Optocoupler	Brief Report+Full CA
6N137	Vishay	Sensor	High Speed Optocoupler, Single and Dual, 10 MBd	Brief Report+Full CA
SP370	Infineon	Sensor	Tire Pressure Monitoring Sensor	Brief Report+Partial CA
OV7725	OmniVision	Sensor	Color CMOS VGA(640×480) Camera Chip Sensor with OmniPixel2™ Technology	Brief Report+Partial CA
S8865	Hamamatsu	Sensor	Photodiode Array with Amplifier	Brief Report+Partial Image
MXT224	Atmel	Sensor	maXTouch™224-channel Touchscreen Sensor IC	Brief Report+Partial Image

Part Number	Manufacturer	Device Type	Device Description	Report Type
<b>RF/RFID</b>				
RF5216 <i>New</i>	RFMD	RF	Quad-Band GSM, Linear EDGE Transmit Module with Fourteen High Linearity TRX Switch Ports	Brief Report+Partial CA
SX1276 <i>New</i>	Semtech (Gennum)	RF	137-1050MHz Ultra Low Power Long Range	Brief Report+Partial CA
SKY6605 <i>New</i>	SKYRELAY	RF	Low-power ASK Low-IF 5.8GHz Transceiver	Brief Report+Partial CA
WTR3925 <i>New</i>	Qualcomm	RF	28nm RF Transceiver	Brief Report+Partial CA
AS3933	AMS	RF	3D Low Frequency Wake-Up Receiver	Brief Report+Partial CA
GN7354	Semtech (Gennum)	RF	10G PON ONU/ONT Asymmetric Transceiver	Brief Report+Partial CA
SKY85712	SYKWORKS	RF	5 GHz WLAN Front-End Module	Brief Report+Partial CA
R840	Rafael Micro	RF	Worldwide hybrid TV Silicon Tuner	Brief Report+Full CA
TEF6621T	Crystal Source Microelectronics	RF	AM/FM Circuit with Built-in PLL	Brief Report+Partial CA
GN1157	Semtech (Gennum)	RF	1.0 to 11.3 Gb/s Multi-Rate LR Transceiver Chip	Brief Report+Analog CA +Digital AN
SI4463	Silicon Lab	RF	High-Performance, Low-Current Transceiver	Brief Report+Partial CA
PMB5712	Infineon	RF	Highly Integrated UMTS/GSM-Transceiver	Brief Report+Partial CA
CC1190	TI	RF	850-950 MHz RF Front End	Brief Report+Full Image
MICRF220	MICREL	RF	300MHz to 450MHz, 3.3V ASK/OOK Receiver with RSSI and Squelch	Brief Report+Full Image
MICRF112	MICREL	RF	QwikRadio UHF ASK/FSK Transmitter	Brief Report+Full Image
AD8347	Analog Devices	RF	0.8 GHz to 2.7 GHz Direct Conversion Quadrature Demodulator	Brief Report+Full Image
UBXG0010	U-BLOX	RF	Single Chip and Chipset for GPS and GALILEO	Brief Report+Full Image
SFP900MC	SWID	RF	RNSS RF IC	Brief Report+Full Image
RDA5888	RDA	RF	Fully Intergrated, Low Power Analog TV on a Chip	Brief Report+Partial Image
SN761683B	TI	RF	Synthesize tuner IC designed for TV tuning systems	Brief Report+Full Image
SL3S1204 <i>New</i>	NXP	RFID	Leading-edge EPC Gen2 RFID chip	Brief Report+Partial CA
R2000	Impinj	RFID	UHF Gen2 RFID Reader Chip	Brief Report+Partial CA
Monza R6	Impinj	RFID	UHF RFID tag Chip	Brief Report+Partial CA
PN512	NXP	RFID	Highly integrated transceiver IC for contactless communication at 13.56 MHz	Brief Report+Partial AN
CLRC663	NXP	RFID	Highly integrated transceiver IC for contactless communication at 13.56 MHz	Brief Report+Partial CA
MAX6600K	MAXIM	RFID	ISO/IEC 14443 Type B-Compliant 64-Bit UID	Brief Report+Partial Image
MFRC522	Philips	RFID	Contactless Reader IC	Brief Report+Partial CA

Part Number	Manufacturer	Device Type	Device Description	Report Type
<b>Memory</b>				
R1LP0108ESA	Renesas	SRAM	1Mb Advanced LPSRAM (128k word x 8bit)	Brief Report+Full CA
NT5CB64M16FP-DH	Nanya	DDR3	DDR3 1GB SDRAM	Brief Report+Full CA
K9CFGY8U5A-CCK0	Samsung	Flash	TLC Nand Flash	Brief Report+Partial Image
W25Q32BV	Winbond	Flash	3V 32M-Bit Serial Flash Memory with Dual and Quad SPI	Brief Report+Partial Image
EN25Q64	EON	Flash	64 Megabit Serial Flash Memory with 4Kbyte Uniform Sector	Brief Report+Partial Image
FMND1GXXX3B	FIDELIX	Flash	3V/1.8V, x8/x16 1G-BIT NAND FLASH	Brief Report+Partial CA
GD25Q64C	GigaDevice	Flash	3.3V Uniform Sector, Dual and Quad Serial Flash	Brief Report+Partial AN
K4B2G0846D-HYK0	Samsung	DDR3	2GB 1.35V DDR3 SDRAM	Brief Report
K4B2G0846C-HCH9	Samsung	DDR3	2GB 1.5V DDR3 SDRAM	Brief Report
K4B1G0846E-HCH9	Samsung	DDR3	1GB 1.5V DDR3 SDRAM	Brief Report
GT24C512A <i>New</i>	Giantec	EEPROM	2-WIRE 512K Bits Serial EEPROM	Brief Report+Partial CA
FT24C16A	FMD	EEPROM	Two-Wire Serial EEPROM	Brief Report+Partial CA
BR24C32	Rohm	EEPROM	I <sup>2</sup> C BUS Serial EEPROMs	Brief Report+Partial CA
M24256	ST	EEPROM	256Kbit Serial I <sup>2</sup> C Bus EEPROM	Brief Report+Partial CA
M24C32	ST	EEPROM	64Kbit and 32Kbit Serial I <sup>2</sup> C Bus EEPROM	Brief Report+Partial CA

Part Number	Manufacturer	Device Type	Device Description	Report Type
<b>Power Management</b>				
OB2001 <i>New</i>	On-Bright	AC/DC	High Performance Synchronous Rectifier	Brief Report+Full CA
OB2502 <i>New</i>	On-Bright	AC/DC	High Precision CC/CV Primary-Side Power Switch	Brief Report+Full CA
SFL600	SiFirst	AC/DC	700V single-chip, LED constant current Power Switcher	Brief Report+Full CA
OB2358	On-Bright	AC/DC	Current Mode PWM Power Switch	Brief Report+Full CA
MT7930	MAXIC	AC/DC	Single Stage, High PFC, AC-DC LED Driver	Brief Report+Full Image
TPS40192 <i>New</i>	TI	Buck	4.5V To 18V Input 10 Pin Synchronous Buck Controller with Power Good	Brief Report+Full CA
AOZ1282CI-1 <i>New</i>	Alpha&Omega	Buck	600mA Simple Buck Regulator	Brief Report+Full CA
YT5101	CX-Semi	Buck	Buck Control IC for LED Driver with APFC	Brief Report+Full CA
TPS62231	TI	Buck	2 MHz/2 MHz Ultra Small Step Down Converter in 1X1.5 SON Package	Brief Report+Full CA
APW7165	ANPEC	Buck	5V to 12V Synchronous Buck Controller	Brief Report+Full Image
LM3414	National Semiconductor	Buck	1A 60W Common Anode Capable Constant Current Buck LED Driver Requires No External Current Sensing Resistor	Brief Report+Full Image
TD1410	Techcode	Buck	2A 380KHz 20V PWM Buck DC/DC Converter	Brief Report+Full Image
IRS2540	IRF	Buck	High Voltage, High Frequency Buck Control IC for constant LED Current Regulation	Brief Report+Full Image
MTCH65 <i>New</i>	Microchip	Boost	Programmable Voltage Boost with Built-in Level Shifters and Serial Interface with Output Enable	Brief Report+Full CA
MAX16929 <i>New</i>	Maxim	Boost	Automotive TFT-LCD Power	Brief Report+Full CA
TPS61088	TI	Boost	10-A Fully-Integrated Synchronous Boost Converter	Brief Report+Full CA
LM3646	TI	Boost	1.5A Synchronous Boost Converter with Dual High-Side Current Sources and I <sup>2</sup> C-Compatible Interface	Brief Report+Partial CA
TPS61097	TI	Boost	Low Input Voltage Synchronous Boost Converter with Low Quiescent Current	Brief Report+Full Image
TPS61200	TI	Boost	Low Input Voltage Synchronous Boost Converter with 1.3-A Switches	Brief Report+Full Image

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<b>Power Management</b>				
MP1495 <i>New</i>	MPS	DC/DC	High Efficiency 3A, 16V, 500kHz Synchronous Step Down Converter	Brief Report+Full CA
AH8650	ZWB	DC/DC	Constant Voltage Control Chip with a Fixed Frequency Mode	Brief Report+Full CA
LT8614	Linear	DC/DC	42V,4A Synchronous Step-Down Silent Switcher with 2.5uA Quiescent Current	Brief Report+Full CA
WD1015	Will SEMI	DC/DC	1.5MHz, 1.2A, Step-down DC-DC Converter	Brief Report+Full CA
LM43603	TI	DC/DC	Simple Switcher 3.5V to 36V 3A Synchronous Step-Down Voltage Converter	Brief Report+Partial CA
TPS62085	TI	DC/DC	3-A Step-Down Converter with Hiccup Short Circuit Protection in 2x2 QFN Package	Brief Report+Full CA
TPS43061	TI	DC/DC	Low Quiescent Current Synchronous Boost DC-DC Controller with Wide VIN Range	Brief Report+Partial CA
UC1637A	TI	DC/DC	Switched Mode Controller for DC Motor Drive	Brief Report+Full CA
UC1843A	TI	DC/DC	Current Mode PWM Controller	Brief Report+Full CA
TLE7368	Infineon	DC/DC	Low dropout, high output current, voltage regulator	Brief Report+Partial CA
MP8675	MPS	DC/DC	6A, 42V, 420kHz Step-Down Converter with Synchronizable Gate Driver	Brief Report+Full Image
LTC3127	Linear	DC/DC	1A Buck-Boost DC/DC Converter with Programmable Input Current Limit	Brief Report+Full Image
ZXLD1322	ZETEX	DC/DC	Buck/Boost Mode DC-DC Converter for LED Driving with 700mA Output and Current Control	Brief Report+Full Image
LM2575T	Semtech	DC/DC	1A Miniconverter Switching Regulator	Brief Report+Full Image
TPS23750	TI	DC/DC	Integrated 100-V IEEE 802.3af PD and DC/DC Controller	Brief Report+Full Image
TPS7H3301 <i>New</i>	TI	Regulator	3A Sink and Source DDR Termination Regulator	Brief Report+Full CA
LP5907	TI	Regulator	Ultra Low-Noise, 250 mA Linear Regulator for RF/Analog Circuits	Brief Report+Full CA
TS14001	Triune Systems	Regulator	nanoSmart® Ultra-Low-Power Linear Regulator	Brief Report+Full CA
LM431	National Semiconductor	Regulator	Adjustable Precision Zener Shunt Regulator	Brief Report+Full Image
AZ317T	Advanced Analog Circuits	Regulator	3-Terminal 1A Adjustable Voltage Regulator	Brief Report+Full Image

Part Number	Manufacturer	Device Type	Device Description	Report Type
<b>Power Management</b>				
DRV8812 <i>New</i>	TI	Driver	Dual-Bridge Motor Driver	Brief Report+Full CA
ICN2038 <i>New</i>	Chipone	Driver	LED Driver	Brief Report+Partial CA
DRV2624 <i>New</i>	TI	Driver	Ultra Low Power Closed-Loop LPA/ERM Haptic Driver with Internal Memory	Brief Report+Partial CA
TPF632	3PEAK	Driver	3-VRMS Audio Line Driver with Integrated Charge Pump	Brief Report+Partial CA
SM2315E	Linkage	Driver	High-power Linear Constant Current LED Driver with SCR	Brief Report+Full CA
UCS512C	UCS	Driver	4-Channel Constant Current Driver	Brief Report+Partial CA
APX9292	ANPEC	Driver	Motor Driver	Brief Report+Full CA
DW9767	DongWoon	Driver	Bi-directional AF Driver IC with 8KBytes eFlash	Brief Report+Partial CA
MAX3643	Maxim	Driver	155Mbps to 2.5Gbps Burst-Mode Laser Driver	Brief Report+Full CA
DRV8835	TI	Driver	Dual Low Voltage H-Bridge Motor Driver	Brief Report+Full CA
IPVD12X12	IPT	Driver	Broadband VCSEL Driver	Brief Report+Partial CA
AD5840	Analog Devices	Driver	12-Bit, 3-Channel VCM Driver for Autofocus	Brief Report+Partial CA
TPS92661	TI	Driver	High-Brightness LED Matrix Manager for Automotive Headlight Systems	Brief Report+Partial CA
6EDL04I06P	Infineon	Driver	High Voltage Gate Driver IC	Brief Report+Partial CA
TPS61169	TI	Driver	38-V High Current-Boost WLED Driver with PWM Control	Brief Report+Full CA
L6201P	ST	Driver	DMOS Full Bridge Driver	Brief Report+Full CA
LM3643B	TI	Driver	Synchronous Boost Dual LED Flash Driver with 1.5-A High-Side Current Sources	Brief Report+Partial CA
SD692XS	Silan Microelectronics	Driver	Non-isolated LED Lighting Drive IC with Built-in High-voltage MOSFET	Brief Report+Full CA
HXT6104A	GIGOPTIX	Driver	4 Channel 16Gb/s VCSEL Driver	Brief Report+Partial CA
BU24205	TI	Driver	Optical Image Stabilization Control Driver for the Camera Module	Brief Report+Partial CA
BCM6302	Broadcom	Driver	Multimode ADSL2+/VDSL2 Line Driver	Brief Report+Full CA
BH6718NUX	Rohm	Driver	Three-Phase Full-Wave Fan Motor Driver for Note PC	Brief Report+Partial CA
FAN7888	Fairchild	Driver	3 Half-Bridge Gate-Drive IC	Brief Report+Partial CA
Le87270	Microsemi	Driver	VDSL2 30a, Class AB Line Driver	Brief Report+Full CA
LM3697	TI	Driver	High-Efficiency Three-String White LED Driver	Brief Report+Partial CA
DK401	DKPower	Driver	High Performance Constant Current Chip	Brief Report+Full CA
MAX3795	MAXIM	Driver	1Gbps to 4.25Gbps Multirate VCSEL Driver with Diagnostic Monitors	Brief Report+Full CA
BU64293	TI	Driver	Voice Coil Motors Driver	Brief Report+Partial CA
TPS61162C	TI	Driver	Dual Channel WLED Driver for Smart Phones	Brief Report+Partial CA
BP2839	BPS	Driver	Non-isolated Buck for LED Driver	Brief Report+Full CA
BP2388D	BPS	Driver	Non-isolated Buck for LED Driver	Brief Report+Full CA
BP2329A	BPS	Driver	Non-isolated Buck and PFC for LED Driver	Brief Report+Full CA
M02095	Mndspeed	Driver	3.3/5V Laser Driver / Limiting Amplifier for Operation to 2.5 Gbps	Brief Report+Full CA

Part Number	Manufacturer	Device Type	Device Description	Report Type
<b>Power Management</b>				
VO3120	Vishay	Driver	2.5A Output Current IGBT and MOSFET Driver	Brief Report+Full CA
A3906	Allegro	Driver	Low Voltage Stepper and Single/Dual DC Motor Driver	Brief Report+Full CA
TPS6116X	TI	Driver	White LED Driver With PWM Brightness Control	Brief Report+Full CA
SGM3141	SGMicro	Driver	700mA Buck/Boost Charge Pump LED Driver	Brief Report+Full CA
A3907	Allegro	Driver	Low Voltage Voice Coil Motor Driver	Brief Report+Full CA
ZXLD1350	Diodes	Driver	30V 350mA LED Driver with AEC-Q100	Brief Report+Full CA
DR3062	ICTI	Driver	High Voltage LED Lamp Driver	Brief Report+Full CA
SY5800	Silergy	Driver	Single Stage Flyback and PFC Controller with Primary Side Control for LED Lighting	Brief Report+Full CA
ICN2024C	Chipone	Driver	LED Driver	Brief Report+Full Image
SGM9119	SGMicro	Driver	Triple, 5th Order, Standard Definition Video Filter Driver	Brief Report+Full Image
DW091	Chipwiser	Driver	LED Driver	Brief Report+Full Image
BP3309	BPS	Driver	PSR Single-Stage APFC Offline LED Controller	Brief Report+Full Image
PT4107	PowTech	Driver	Universal High Brightness LED Driver with Improved Current Regulation and EMI Performance	Brief Report+Full Image
FAN7388	Fairchild	Driver	3 Half-Bridge Gate-Drive IC	Brief Report+Full Image
BP2808	BPS	Driver	LED Driver	Brief Report+Full Image
SN3352	SIEN	Driver	40V LED Driver with Temperature Compensation	Brief Report+Full Image
DRV632	TI	Driver	DirectPath™, 2-VRMS Audio Line Driver with Adjustable Gain	Brief Report+Full Image
PT4115	PowTech	Driver	30V, 1.2A Step-down High Brightness LED Driver with 5000:1 Dimming	Brief Report+Full Image
TM1804	Titan Micro Electronics	Driver	Three Channel LED Driver	Brief Report+Full Image
ADE5566	ADI	Driver	Single-Phase Energy Measurement IC with 8052 MCU, RTC, and LCD Driver	Brief Report+Partial Image
TLE4205G	Infineon	Driver	1-A DC Motor Driver	Brief Report+Full Image
MBI5042	Macroblock	Driver	16-Channel Constant Current LED Driver With 16-bit PWM Control	Brief Report+Full Image
DIO2112	DIOO	Driver	2-VRMS Audio Driver with Adjustable Gain	Brief Report+Full Image
CT3582C	Retech	Driver	LED Driver	Brief Report+Full Image
MAX9550	MAXIM	Driver	High-Current VCOM Drive Buffers for TFT LCDs	Brief Report+Full Image
AD8324	ADI	Driver	3.3V Upstream Cable Line Driver	Brief Report+Full Image
SM74HC138D	SM Micro	Driver	LED Driver	Brief Report+Full Image
SM74HC245D	SM Micro	Driver	LED Driver	Brief Report+Full Image
QX5252	QXMD	Driver	Solar Energy LED Driver	Brief Report+Full Image
SGM9116	SGMC	Driver	Triple, 35MHz, 3rd Order HDTV Video Filter Driver	Brief Report+Full Image
L6574	ST	Driver	CFL/TL Ballast Driver Preheat and Dimming	Brief Report+Full Image
LM3445	National Semiconductor	Driver	Triac Dimmable Offline LED Driver	Brief Report+Full Image
IR2161	IRF	Driver	Halogen Convertor Control IC	Brief Report+Full Image
LNK406EG	Power Integrations	Driver	LED Driver	Brief Report+Partial Image
HV9963	SUPERTEX INC	Driver	Closed Loop LED Driver with Enhanced PWM Dimming	Brief Report+Full Image

Part Number	Manufacturer	Device Type	Device Description	Report Type
<b>Power Management</b>				
RP173x <i>New</i>	RICOH	LDO	11V Input 150mA LDO	Brief Report+Full CA
LN1134 <i>New</i>	natlinear	LDO	Low Power Consumption LDO	Brief Report+Full CA
NCP161 <i>New</i>	On Semiconductor	LDO	450mA, Ultra-Low Noise and High PSRR LDO Regulator for RF and Analog Circuits	Brief Report+Full CA
NCP120	On Semiconductor	LDO	150mA, Very Low Dropout Bias Rail CMOS Voltage Regulator	Brief Report+Full CA
TPS720xx	TI	LDO	350mA, Ultra-Low VIN, RF Low-Dropout Linear Regulator with Bias Pin	Brief Report+Full CA
TPS780	TI	LDO	150mA, Low-Dropout Regulator, Ultralow-Power, IQ 500nA with Pin-Selectable, Dual-Level Output Voltage	Brief Report+Full CA
APL5930	ANPEC	LDO	3A, Ultra Low Dropout (0.23V Typical) Linear Regulator	Brief Report+Full CA
XC6223	Torex	LDO	Built-in Inrush Current Protection, 300mA High Speed LDO Voltage Regulator	Brief Report+Full CA
RT9042	Richtek	LDO	Maximum 3A, Ultra Low Dropout Regulator	Brief Report+Full Image
AZ2940T	Advanced Analog Circuits	LDO	1A Ultra Low Dropout Linear Regulator	Brief Report+Full Image
HT7325	Holtek	LDO	Low Power Consumption LDO	Brief Report+Full Image
KIA78D15F	KEC	LDO	3 Terminal Low Drop Output Voltage Regulator	Brief Report+Full Image
MAX77838 <i>New</i>	MAXIM	Power Management	2 Boost, one Buck, one Inverter and 4 LDO	Brief Report+Partial CA
SKY87020-11	Skyworks	Power Management	Power Management IC for SkyOne Ultra 2.0 System	Brief Report+Full CA
JW3606A	JOULWATT	Power Management	Rectified Portable Battery Charger and Management System	Brief Report+Full CA
ACT2802	Active-Semi	Power Management	5V/2.5A Backup Battery Pack Manager	Brief Report+Full CA
NT50198	Novatek	Power Management	TFT-LCD 3-Channel Charge Pump Power IC	Brief Report+Full CA
TPS65132	TI	Power Management	Dual Output LCD Bias for Smartphones and Tablets	Brief Report+Partial CA
UC1525AJ	TI	Power Management	Regulating Pulse Width Modulators	Brief Report+Full CA
TPS65632	TI	Power Management	Triple Outputs AMOLED Display Power Supply	Brief Report+Full CA
TPD4122K	Toshiba	Power Management	High Voltage Monolithic Silicon Power IC	Brief Report+Partial Image
BQ24380	TI	Power Management	Overvoltage and Overcurrent Protection IC and Li+ Charger Front-End Protection IC with LDO Mode	Brief Report+Full Image
MAX5953A	MAXIM	Power Management	IEEE 802.3af PD Interface and PWM Controllers with Integrated Power MOSFETs	Brief Report+Partial Image



Part Number	Manufacturer	Device Type	Device Description	Report Type
<b>Amplifier/Comparator</b>				
CS8323 <i>New</i>	Chipstar	Amplifier	Built in Boost, Constant 5.0W Output Power, Class R FM Audio Power Amplifier	Brief Report+Partial CA
THS6212 <i>New</i>	TI	Amplifier	Differential, Line-Driver Amplifier	Brief Report+Partial CA
TP1272 <i>New</i>	3PEAK	Amplifier	36V Single Supply, Precision RPO Op-amps with 7MHz Bandwidth	Brief Report+Full CA
GN7052 <i>New</i>	Semtech (Gennum)	Amplifier	Multi-Rate Burst Mode Transimpedance Amplifier	Brief Report+Full CA
HT862 <i>New</i>	Heroic	Amplifier	Built in Boost, Smart Audio Power Amplifier	Brief Report+Partial CA
ICL7650 <i>New</i>	intersil	Amplifier	2MHz, Super Chopper-Stabilized Operational Amplifier	Brief Report+Full CA
ALC5662	Realtek	Amplifier	32bits Hi-Fi Digital Audio Headphone Amplifier	Brief Report+Partial CA
TP2604	3PEAK	Amplifier	Dual/Quad, Ultra-low Distortion, 36V RRO Op-amps	Brief Report+Full CA
AW8738	AWINIC	Amplifier	High Efficiency, Low noise, Constant large volume, Multi-level AGC Eighth generation Class-K Audio Amplifier	Brief Report+Full CA
MG2002	MagniChip	Amplifier	2.5Gbit/s XG-PON OLT TIA	Brief Report+Full CA
MG2000	MagniChip	Amplifier	3.3V 1.25Gbit/s OLT TIA	Brief Report+Full CA
SN2036	SI-EN	Amplifier	High Efficiency, Class-K Audio Power Amplifier with Integrated Charge Pump Converter	Brief Report+Full CA
EUA2069	EUTECH	Amplifier	2W High Efficient Mono Class-D Audio Power Amplifier with Non-Chip, Power Limit	Brief Report+Full CA
NT20045	Nanotech	Amplifier	Low Cost 3.3v/5v 200Mbps Limiting Amplifier for SONET, SDH, ESCON and Fast Ethernet Applications over Optical Fiber	Brief Report+Full CA
IPTA12X12	IPT	Amplifier	Broadband Transimpedance Amplifier	Brief Report+Partial CA
HCPL7850	Avago	Amplifier	Hermetically Sealed Analog Isolation Amplifier	Brief Report+Full CA
NT25L59	Nanotech	Amplifier	High Sensitivity Transimpedance Amplifier with AGC Function	Brief Report+Full CA
AR8188	AIROHA	Amplifier	Low Noise Amplifier for FM	Brief Report+Full CA
M02036	Mndspeed	Amplifier	Burst Mode GPON OLT TIA	Brief Report+Full CA
GN1068	Semtech (Gennum)	Amplifier	4-16Gbps Rate Selectable Transimpedance Amplifier	Brief Report+Full CA
NT24L55	Semtech (Gennum)	Amplifier	Super High Sensitivity CMOS 1.25 Gbps TIA	Brief Report+Analog CA +Digital AN
SKY77761	Skyworks	Amplifier	Power Amplifier Module for CDMA/WCDMA/HSDPA/HSUPA/HSPA+/LTE	Brief Report+Partial CA
MAX3748	MAXIM	Amplifier	Compact 155Mbps to 4.25Gbps Limiting Amplifier	Brief Report+Full CA
MAX3864	MAXIM	Amplifier	2.5Gbps, +3V to +5.5V, Wide Dynamic Range Transimpedance Preamplifier	Brief Report+Full CA

Part Number	Manufacturer	Device Type	Device Description	Report Type
<b>Amplifier/Comparator</b>				
MAX3664	MAXIM	Amplifier	622Mbps, Ultra-Low-Power, 3.3V Transimpedance Preamplifier for SDH/SONET	Brief Report+Full CA
MAX3658	MAXIM	Amplifier	622Mbps, Low-Noise, High-Gain Transimpedance Preamplifier	Brief Report+Full CA
ACPL-728T	Avago	Amplifier	Automotive Isolation Amplifier with R <sup>2</sup> Coupler™ Isolation	Brief Report+Full CA
TPA6130A2	TI	Amplifier	138-mW Directpath™ Stereo Headphone Amplifier with I <sup>2</sup> C Volume Control	Brief Report+Partial CA
LM48511	National Semiconductor	Amplifier	3W, Ultra-Low EMI, Filterless, Mono, Class D Audio Power Amplifier with Spread Spectrum	Brief Report+Full CA
NT20R67	Semtech (Gennum)	Amplifier	Low Cost 3.3V to 5.0V CMOS PIN Transimpedance Amplifier with AGC for Optical Fiber Applications up to 200Mbps	Brief Report+Full CA
M02038	Mndspeed	Amplifier	1.25 Gbps Burst Mode CMOS TIA with AGC	Brief Report+Full CA
NT25L51	Nanotech	Amplifier	2.5 Gbps pure CMOS TIA	Brief Report+Full CA
AD623	Analog Devices	Amplifier	Single Supply, Rail-to-Rail, Low Cost Instrumentation Amplifier	Brief Report+Full AN
MCP6N11	Microchip	Amplifier	500kHz,800uA Instrumentation Amplifier	Brief Report+Full AN
TPA6140A2	TI	Amplifier	Class-G Directpath™ Stereo Headphone Amplifier with I <sup>2</sup> C Volume Control	Brief Report+Full Image
LM2902	TI	Amplifier	Quadruple Operational Amplifiers	Brief Report+Full Image
LM2904	TI	Amplifier	Dual Operational Amplifiers	Brief Report+Full Image
TDA7388A	ST	Amplifier	4*42W Quad Bridge Car Radio Amplifier	Brief Report+Full Image
MCP6004I/SL	Microchip	Amplifier	1 MHz, Low-Power Op Amp	Brief Report+Full Image
TPA3124D2	TI	Amplifier	15-W Stereo Class-D Audio Power Amplifier	Brief Report+Full Image
UC3842AD	ON Semiconductor	Amplifier	1.0A Output Current, Dual Power Operational Amplifiers	Brief Report+Full Image
AD8367	Analog Devices	Amplifier	500 MHz, Linear-in-dB VGA with AGC Detector	Brief Report+Full Image
NJM4558	JRC	Amplifier	Dual Operational Amplifier	Brief Report+Full Image
AZ324P	Advanced Analog Circuits	Amplifier	Low Power Quad Operational Amplifiers	Brief Report+Full Image
MAX9730	MAXIM	Amplifier	2.4W, Single-Supply, Class G Power Amplifier	Brief Report+Full Image
PAM8610	PAM	Amplifier	10W Stereo Class-D Audio Power Amplifier with DC Volume Control	Brief Report+Full Image
TPA3110D2	TI	Amplifier	15-W Filter-Free Stereo Class-D Audio Power Amplifier with SpeakerGuard™	Brief Report+Full Image
AD8541	Analog Devices	Amplifier	General-Purpose CMOS Rail-to-Rail Amplifiers	Brief Report+Full Image
SGM8522	SGMC	Amplifier	150kHz, 4.7uA, Rail-to-Rail I/O CMOS Operational Amplifier	Brief Report+Full Image
TPA2015D1	TI	Amplifier	2W Constant Output Power Class-D Audio Amplifier with Adaptive Boost Converter and Battery Tracking SpeakerGuard™ AGC	Brief Report+Full Image
AZ358P	Advanced Analog Circuits	Amplifier	Low Power Dual Operational Amplifiers	Brief Report+Full Image
LM2901	TI	Comparator	Quad Differential Comparators	Brief Report+Full Image
LM2903	TI	Comparator	Dual Differential Comparators	Brief Report+Full Image

Part Number	Manufacturer	Device Type	Device Description	Report Type
<b>Controller/Detector</b>				
BCM59121 <i>New</i>	Broadcom	Controller	Octal Integrated IEEE 802.3at-Compliant PSE Controller	Brief Report+PartialCA
VP223	VIA Labs	Controller	USB Type-C DFP CC Controller with Universal Battery Charging	Brief Report+Full CA
GT3522	Giantec	Controller	3Pin, Accurate CV/CC Primary-Side Controller	Brief Report+Full CA
TPS2513	TI	Controller	USB Dedicated Charging Port Controller	Brief Report+PartialCA
GT818	GOODIX	Controller	Touch Screen Controller	Brief Report+Partial CA
GT913	GOODIX	Controller	Touch Screen Controller	Brief Report+Partial CA
RT8880	Richtek	Controller	Dual-Output PWM Controller with 3 Integrated Drivers for AMD SVI2 Mobile CPU Power Supply	Brief Report+Partial AN
BQ24735	TI	Controller	1-4 Cell Li+ Battery SMBus Charge Controller for Supporting Turbo Boost Mode with N-Channel Power MOSFET Selector	Brief Report+Partial AN
CY8CTST242	Cypress	Controller	Single-Touch Touchscreen Controller	Brief Report+Partial Image
TDA3629T	Philips	Controller	Light position controller	Brief Report+Full Image
L6563S	ST	Controller	Enhanced transition-mode PFC controller	Brief Report+Full Image
L6563	ST	Controller	Advanced transition-mode PFC controller	Brief Report+Full Image
L6562N	ST	Controller	Transition-mode PFC Controller	Brief Report+Full Image
CHK0501	CHK	Controller	Lithium Battery Charger	Brief Report+Full Image
UCC25600	TI	Controller	8-Pin High-Performance Resonant Mode Controller	Brief Report+Full Image
SDC3733	SDC	Controller	High-precision, Charging Controller	Brief Report+Full Image
L6562	ST	Controller	Transition-Mode PFC Controller	Brief Report+Full Image
SJ2258	SJ	Controller	6 channel Volume Controller	Brief Report+Full Image
MPS4111 <i>New</i>	MPS	Detector	100V Step-Up Converter with APD Current Monitor	Brief Report+Full CA
LTC6803-1	Linear	Detector	Multicell Battery Stack Monitor	Brief Report+Partial CA
INA199	TI	Detector	26-V, Bidirectional, Zero-Drift, Low- or High-Side, Voltage Output Current Shunt Monitor	Brief Report+Full CA
AZ7042Z-E1	Advanced Analog Circuits	Detector	Voltage Detector	Brief Report+Full Image
M54134FP	Renesas	Detector	Earth Leakage Current Detector	Brief Report+Full Image
ADE7878	Analog Devices	Detector	Polyphase Multifunction Energy Metering IC with per Phase Active and Reactive Powers	Brief Report+Partial Image

Part Number	Manufacturer	Device Type	Device Description	Report Type
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## Frequency Synthesizer

DS3231M	MAXIM	Frequency Synthesizer	±5ppm, I <sup>2</sup> C Real-Time Clock	Brief Report+Full Image
ISL12022M	Intersil	Frequency Synthesizer	Real Time Clock with Embedded Crystal,±5ppm Accuracy	Brief Report+Full Image

## SOC/Processor

MSD6A638JSM-Z1-ST	Mstar	Processor	All-in-one DTV Processor	Brief Report+Partial CA
NUC472VG8AE	NuvoTon	Processor	ARM Cortex-M4 32-bit Microcontroller	Brief Report+Partial CA
STM8L152C4T6	ST	Processor	8-bit Ultra-low-power MCU, up to 32KB Flash, 1KB Data EEPROM, RTC,LCD, timers, USART, I2C, SPI, ADC, DAC, comparators	Brief Report+Partial CA
EFM32G222F128	Energy micro	Processor	32-bit ARM Cortex-M3 microcontroller	Brief Report+Partial CA
RX1115	Renesas	Processor	32 MHz 32-bit RX MCUs, 50 DMIPS, up to 512 Kbytes of flash memory, USB 2.0 full-speed host/function/OTG, up to 6 comms channels, 12-bit A/D, 8-bit D/A, RTC	Brief Report+Partial CA
HT45F3W	Holtek	Processor	R-Type Blood Pressure Meter 8-Bit Flash MCU	Brief Report+Partial CA
MSP430F6636	TI	Processor	Mixed Signal Microcontroller	Brief Report+Partial CA
RM48L952	TI	Processor	16- and 32- Bit RISC Flash Microcontroller	Brief Report+Partial CA
Mini51	NuvoTon	Processor	32-Bit Microcontroller (ARM Cortex™-M0)	Brief Report+Partial CA
OMAP5432	TI	Processor	Application Processor	Brief Report+Partial CA
LPC1225	NXP	Processor	32-bit ARM Cortex-M0 microcontroller; up to 128kB flash and 8kB SRAM	Brief Report+Partial Image
LPC111X	NXP	Processor	32-bit ARM Cortex-Mo Microprocessor with 32KB Flash and 8KB SRAM	Brief Report+Full Image
ADAM24P16G	Etachips	Processor	Specific Purpose MCU	Brief Report+Full Image
ATMEGA8L	Atmel	Processor	8-bit Microcontroller with 8K Bytes In-System Programmable Flash	Brief Report+Full Image
MSD6A648 <i>New</i>	Mstar	SOC	Low Cost Android Smart TV Solution	Brief Report+Partial CA
nRF52832 <i>New</i>	NORDIC	SOC	Multiprotocol Bluetooth low energy/ANT/2.4GHz RF SoC Active	Brief Report+Partial CA
MSD6A938	Mstar	SOC	Smart TV Chip with CortexA72 CPU	Brief Report+Partial CA
MT7688AN	Mediatek	SOC	Integrated a 1T1R 802.11N Wi-Fi radio, a 580MHz CPU, 1-port fast Ethernet PHY, USB2.0 host, PCIe, SD-XC, I2C/PCM and multiple slow IOs	Brief Report+Partial CA
66AK2H12	TI	SOC	Multicore DSP+ARM KeyStone II System-on-Chip(SoC)	Brief Report+Partial CA

Part Number	Manufacturer	Device Type	Device Description	Report Type
<b>Interface/Switch</b>				
ECH485EESA	ECH	Interface	RS-485 Interface	Brief Report+Full CA
ET8024	Etek Microelectronics	Interface	IC Card Interface	Brief Report+Full CA
CHY100	Power Integrations	Interface	Charger Interface Physical Layer IC	Brief Report+Full CA
TDA8024	NXP	Interface	IC Card Interface	Brief Report+Full CA
TPD12S015A	TI	Interface	HDMI Companion Chip with Step-up DC-DC, I <sup>2</sup> C Level Shifter, and High-speed ESD Clamps	Brief Report+Full Image
EP9122	Explore Microelectronics	Interface	DVI/HDMI Compliant Splitter with HDCP	Brief Report+Partial Image
RTL8201	Realtek	Interface	Fast Ethernet Phyceiver with selectable MII or SNI Interface	Brief Report+Full Image
FSA646	<i>New</i> Fairchild	Switch	2:1 MIPI D-PHY(2.5Gbps) 4-Data Lane Switch	Brief Report+Partial CA
FSA644	<i>New</i> Fairchild	Switch	2:1 MIPI D-PHY(1.5Gbps) 4-Data Lane Switch	Brief Report+Partial CA
KTS1671	<i>New</i> Kinetic	Switch	Adjustable Over-Voltage Protection Switch	Brief Report+Full CA
SKY19223	Skyworks	Switch	Two Antenna Turning Switches	Brief Report+Partial CA
SKY19003	Skyworks	Switch	0.6 to 3.0 GHz SPST (2xSPST) Shunt Turning Switch (Two-Bit Control)	Brief Report+Partial CA
SKY19245	Skyworks	Switch	0.1 to 2.7 GHz SP4T High-Power Antenna Turning Switch	Brief Report+Partial CA
AZAW2110S	Amazing Microelectronic	Switch	Low On-Resistance Wide Bandwidth Dual 1:1 Analog Switch of Level Shifter	Brief Report+Full CA
SKY13416	Skyworks	Switch	0.1-3.0 GHz SP6T Antenna Switch	Brief Report+Full CA
FSA550	Fairchild	Switch	4PST Depletion Mode Isolation Switch	Brief Report+Full CA
FPF2280	Fairchild	Switch	Integrated Load Switch with Over Voltage Protection	Brief Report+Full CA
SKY13455	Skyworks	Switch	0.4 to 2.7 GHz SP12T Switch with MIPI RFFE Interface	Brief Report+Full CA
ADG433	Analog Devices	Switch	LC2MOS Precision Quad SPST Switches	Brief Report+Full CA
SY6288	Silergy	Switch	Low Loss Power Distribution Switch	Brief Report+Full CA
SPV1001T40	ST	Switch	Cool bypass switch for photovoltaic application	Brief Report+Full Image
FSL206MR	Fairchild	Switch	Green Mode Fairchild Power Switch (FPS™)	Brief Report+Full Image
SGM7222	SGMicro	Switch	High Speed USB 2.0(480Mbps) DPDT Analog Switch	Brief Report+Full Image

Part Number	Manufacturer	Device Type	Device Description	Report Type
<b>Others</b>				
FMS6404	Fairchild	Filter	Precision Composite Video Output with Sound Trap and Group Delay Compensation	Brief Report+Partial CA
SN54HC244	TI	Logic	Octal Buffers and Line Drivers with 3-State Outputs	Brief Report+Full CA
CD54HC373	TI	Logic	Octal Transparent D-Type Latches with 3-State Outputs	Brief Report+Full CA
DS3923 <i>New</i>	Maxim	Others	High-Speed Current Mirror with Sample/Hold Output	Brief Report+Full CA
ALC4040 <i>New</i>	Realtek	Others	USB2.0 Audio Codec with Hardware Active Noise Cancellation	Brief Report+Partial CA
DP667 <i>New</i>	Parade	Others	4 Lane 4K eDP Tcon	Brief Report+Partial CA
HD14553B <i>New</i>	Hitachi	Others	Three-Digit BCD Counter	Brief Report+Full CA
DS3920 <i>New</i>	Maxim	Others	Fast Current Mirror	Brief Report+Full CA
NJM2761	JRC	Others	Audio Limiter	Brief Report+Full CA
MAX13235	Maxim	Others	3Mbps RS-232 Transceivers with Low-Voltage Interface	Brief Report+Full CA
MAX3380E	Maxim	Others	+2.35V to +5.5V, 1uA, 2Tx/2Rx RS-232 Transceivers with ±15kV ESD-Proteted I/O and Logic Pins	Brief Report+Full CA
TDC-GP22	ACAM	Others	Ultrasion meter Dual-channel Time Digital Convertor	Brief Report+Partial CA
SSC1643	Eastsoft	Others	Power Line Carrier Communication Chip	Brief Report+Partial CA
HI-0548	Intersil	Others	Single 16 and 8, Differential 8-Channel and 4-Channel CMOS Analog MUXs with Active Overvoltage Protection	Brief Report+Full CA
S-8204A	SII	Others	Battery Protection IC for 3-Series or 4-Series Cell Pack	Brief Report+Full Image
THC63LVD103	THINE	Others	135MHz 30Bits Color LVDS Transmitter	Brief Report+Full Image
THC63LVD104	THINE	Others	90MHz 30Bits Color LVDS Receiver	Brief Report+Full Image
MAX5413EUD	MAXIM	Others	Dual, 256-Tap, Low-Drift, Digital Potentiometers in 14-Pin TSSOP	Brief Report+Full Image
NUD4700	ON Semiconductor	Others	LED Shunt	Brief Report+Full Image
AD71056	ADI	Others	Energy Metering IC with Integrated Oscillator and Reverse Polarity Indication	Brief Report+Full Image
ISL9208	Intersil	Others	Multi-Cell Li-ion Battery Pack OCP/Analog Front End	Brief Report+Full Image