



2022 Semiconductor Catalog



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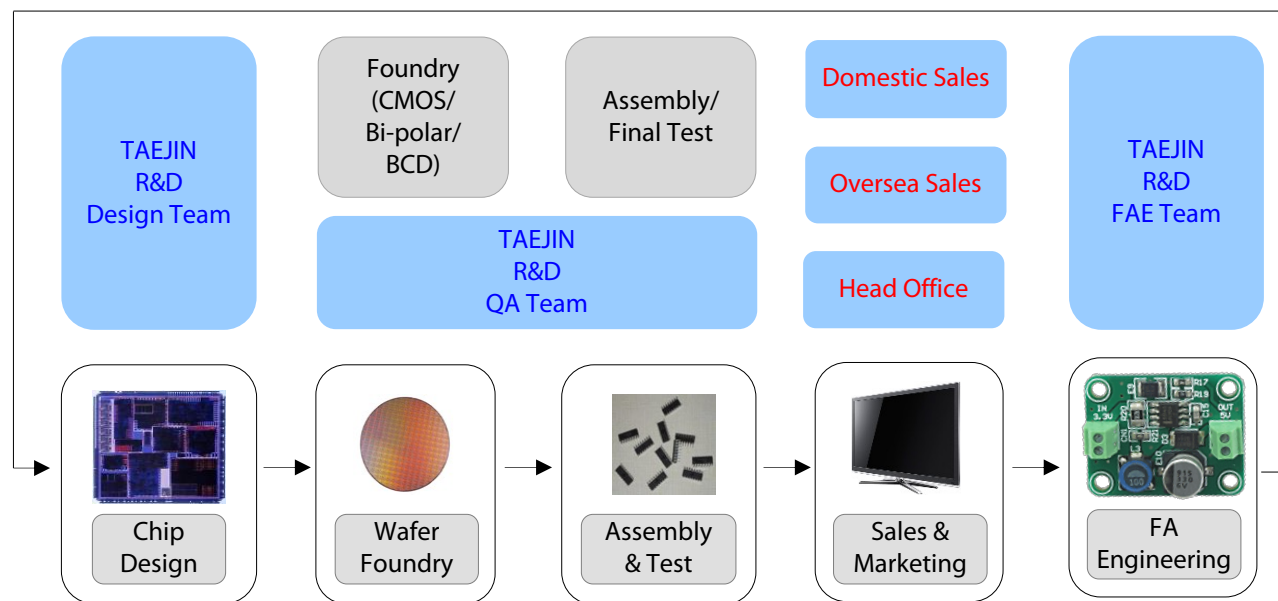


www.htckorea.co.kr

MILESTONES

- 2000. May. - TAEJIN Technology founded and started producing voltage regulator ICs
- 2002. Dec. - ISO 9001 certified
- 2003. Sep. - Designated as "Korea Venture Company"
- 2006. Jul. - "INNO-BIZ certification" (Grade : Aa) acquired
- 2006. Sep. - Designated as "Specialized Components & Materials Company" by Korean Ministry of Commerce, Industry, and Energy
- 2006. Nov. - Awarded the "USD 5 million in export"
- 2007. Jun. - Participated Korean Gov.'s "Enterprise for Developing Technology of Component & Materials"
- 2007. Nov. - ISO14001 certified
- 2010. Jun. - Designated as "Technological Innovation Company" by Korean Ministry of Knowledge Economy
- 2010. Nov. - Awarded the "USD 10 million in export"
- 2011. Aug. - Acquired "Green Certification"
- 2015. Oct. - Selected as Technological Innovation Company by the Small & Medium Business Administration
- 2017. Jul. - Launched "AEC-Q100" Qualified Products

PRODUCTION PROCEDURE



High Quality Power ICs

Reliable Power Supply Systems with High Quality Power ICs

TAEJIN Technology, a power management IC specialist, has been focused on developing linear and switching power ICs and peripherals for power systems of various electronic systems for years and has achieved highly reliable cost-effective power system operation.

Power ICs & Peripherals Line-Up

- Full Line-Up of Linear Regulators
- High Voltage Non-Sync DC-DC Converters
- DC-DC Converter Controllers
- RS-232/ RS-485 Interface ICs
- Logics & Drivers
- Amplifiers, Comparators and other Peripherals

Full Quality and Supply Chain Control

- Verified Control Plan for Manufacturing
- Qualified by JESD22 Quality Assurance Test
- Qualified by AEC-Q100 Qualification
- Industry Leading Manufacturing Partners
- Sub-Contractor Control Based on BCP
- Experienced Failure Analysis Engineering

Leading Technology

- In-House Silicon Proven Precision Analog IPs
- Domestic & International Patents
- Capable of Application Specific Custom ICs

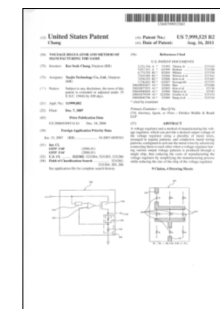
Full System Level Support

- Experienced Field Application Engineering
- Comprehensive Application Support
- Design, Test and Evaluation Support

INTERNATIONAL PATENTS



KOREA Patent



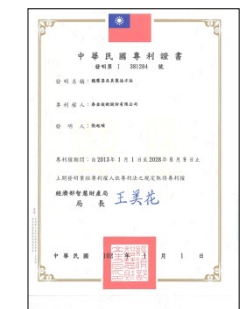
US Patent



JAPAN Patent



CHINA Patent

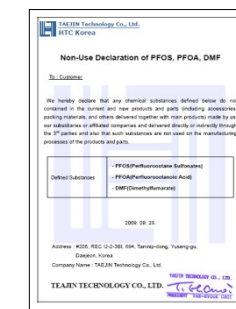


TAIWAN Patent

ENVIRONMENTAL DECLARATIONS



RoHS Compliance



Non-use of PFOS, PFOA, DMF



REACH Compliance



Halogen-Free (only for Green Items)

DOMESTIC REGISTERED PATENTS (KOREA)

- 10-0442936: Regulator circuit for generating of stability voltage
- 10-0456194: Regulator circuit for generating of stability voltage
- 10-0523799: Regulator circuit for generating of stability voltage
- 10-0617966: Switching control regulator circuit for generating of stability voltage
- 10-0665454: Switching control regulator circuit for generating of stability voltage
- 10-0813200: Regulator circuit for generating of stability voltage
- 10-0836529: Regulator circuit for generating of stability voltage
- 10-0900266: Overheat protection circuit of a regulator
- 10-0900267: Sub-1V output Voltage regulator of ultra low dropout type
- 10-0902084: Voltage regulator and fabrication method there of
- 10-0930275: Band Gap Reference Using CMOS
- 10-1184994: Fusing circuit
- 10-1247219: Current limit circuit
- 10-1268314: Waveform generator
- 10-1299212: LED Switching Driver
- 10-1301260: Soft Start Circuit
- 10-1306865: High Voltage IC
- 10-1306866: Circuit for Preventing a Miss-operating by Reverse Current Detector
- 10-1319827: Current Limit Apparatus
- 10-1414712: DC-DC Converter System
- 10-1447189: Level Shifter
- 10-1453005: Apparatus for Driving Light Emitting Diode
- 10-1453003: DC-DC Converter
- 10-1461066: Current Control Signal Generator
- 10-1475740: Waveform Generator
- 10-1532241: Waveform Generator
- 10-1630600: Voltage regulator having overcurrent protection circuit
- 10-1741170: Voltage regulator having overcurrent protection circuit
- 10-1696403: Soft Start Circuit of Switching Regulator
- 10-1773814: Reverse Current Protection Circuit of Switch Device
- 10-2001449: Soft-start circuit with hiccup operation and power converting apparatus including the same
- 10-2005044: Switching regulator using ESR emulation
- 10-2103998: Multi-functional enable circuit capable of variation function with hysteresis characteristics using a current-source
- 10-2207264 : Reference Voltage Generator

INTERNATIONAL REGISTERED PATENTS

USA

- US 7,629,783 B2: Ultra Low Dropout Voltage Regulator
- US 7,999,525 B2: Voltage Regulator and Method of Manufacturing the Same

CHINA

- 705345: 超低压降型电压调节器
- 1049457: 电压调节器其制造方法

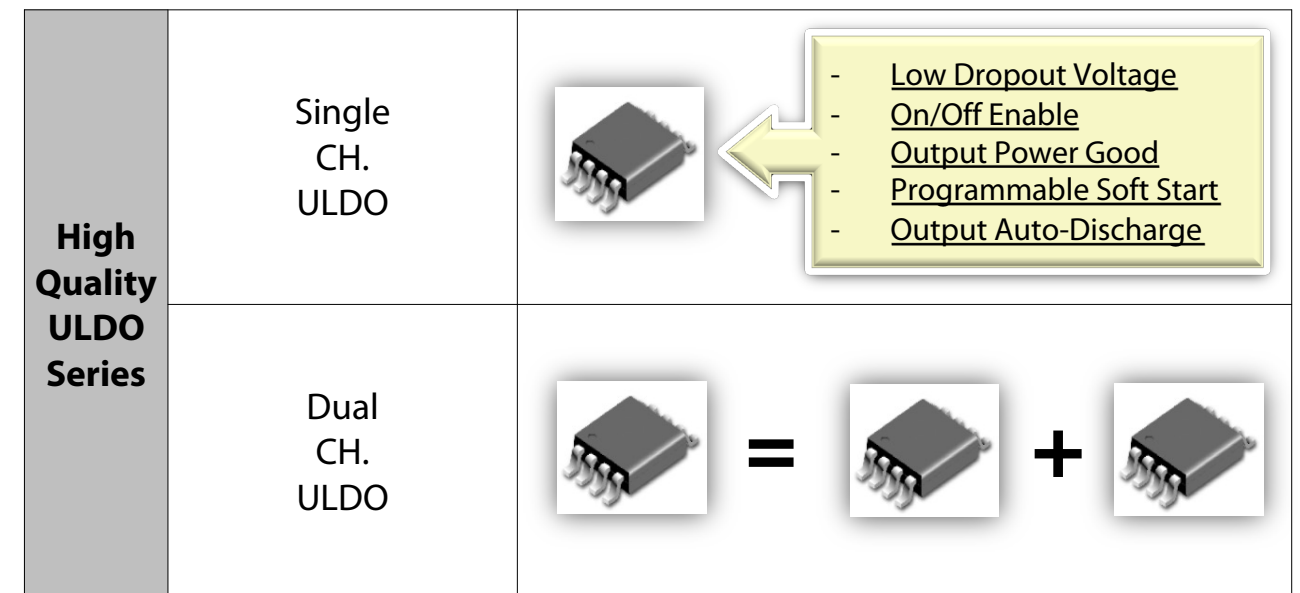
TAIWAN

- 381264: Voltage Regulator and Method of Manufacturing the Same
- 373699: Ultra Low Dropout Voltage Regulator

JAPAN

- 2007301057: 超低压降下型电压レギュレーター

High Performance, High Reliability Linear Power ICs



- Low Dropout Voltage Performance : 0.2V ~ 0.4V, Typical
- Programmable Soft-Start with External Capacitor
- Output Power-Good Signal for Output Voltage Monitoring
- Output Auto-Discharge Function for Fast and Safe Turn-Off
- Over Current & Over Temperature Protection
- Proven Reliability by AEC-Q100 Qualification with Grade 1
- Applicable for Various Applications as UHD TV, Car Infotainment, STB, AV, and Network

P/N	CH.	I _{OUT}	V _{IN,MAX}	V _{DROP,TYP}	Pass Tr	Package
TPS761xx	Single	0.15A	16.0V	0.17V	Bipolar	SOT-23-5L
TPS73001	Single	0.3A	6.0V	0.20V	PMOS	SOT-23-6L
TPS730xx	Single	0.3A	5.5V	0.20V	PMOS	SOT-23-5L
TPS740xx	Single	0.6A	6.5V	0.60V	PMOS	SOT-23-5L
TPS1117LVxx	Single	1.0A	5.5V	0.40V	PMOS	SOT-223-3L
TPS7A8001	Single	1.0A	5.5V	0.35V	PMOS	DFN3x3-8
TPS7A7001	Single	2.0A	5.5V	0.40V	PMOS	SOP-8PP
TPS7A7002	Single	3.0A	5.5V	0.40V	PMOS	SOP-8PP
TPS7A4501	Single	1.5A	26.0V	0.35V	Bipolar	TO-263-5L
TPS75701	Single	3.0A	16.0V	0.40V	Bipolar	TO-263-5L
TPS75501	Single	5.0A	16.0V	0.40V	Bipolar	TO-263-5L
TJ9198	Single	0.3A	5.5V	0.20V	PMOS	SC70, SOT23
TJ4303	Single	0.3A	6.0V	0.20V	PMOS	SOT23
TJ4310	Single	1.0A	5.5V	0.35V	PMOS	SOP-8PP, DFN8
TJ1801	Single	1.0A	5.5V	0.25V	PMOS	SOP-8PP
TJ4320	Single	2.0A	5.5V	0.40V	PMOS	SOP-8PP, TO252
TJ4330	Single	3.0A	5.5V	0.40V	PMOS	SOP-8PP, TO252
TJ2132	Single	2.0A	3.6V	0.25V	NMOS	SOP-8PP, DFN8
TJ2134	Single	4.0A	3.6V	0.25V	NMOS	SOP-8PP
TJ5641	Dual	0.6A	5.5V	0.24V	PMOS	SOP-8PP
LM2C1117	Dual	0.6A	5.5V	0.24V	PMOS	SOP-8PP

60V Operative Non-Synchronous DC-DC Converters

High Input Voltage Step Down Switching Regulators LM2575HV, LM2576HV, LM2596HV

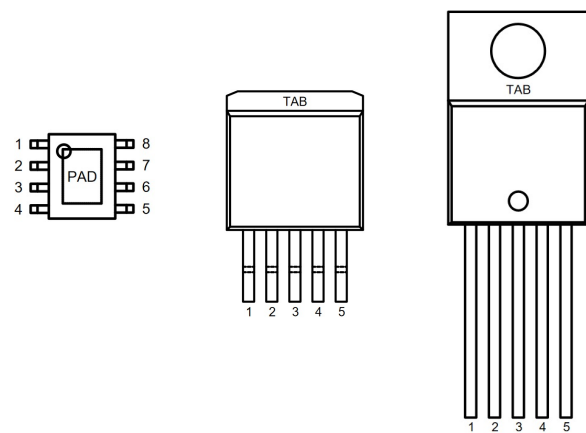
Features

- Wide Input Voltage Range : Up to 60V
- 3.3V, 5.0V, 12V, 15V and Adjustable Outputs
- Adjustable Output Voltage Range, 1.23V to 52V
- Guaranteed Output Current Capacity
- Requires only 4 External Components
- TTL Shutdown Capability & Low Power Standby
- High Efficiency
- Thermal Shutdown and Current Limit Protection

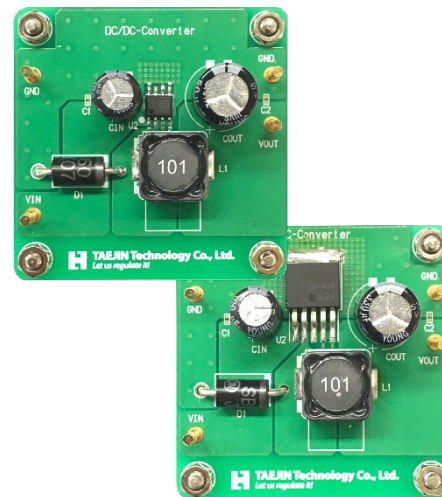
Applications

- Industrial Control Panel
- Merchant Network & Server PSU
- Test & Measurement Equipment
- Motor Drives
- Battery Management
- Appliances;
Air Purifier, Water Purifier/Dispenser

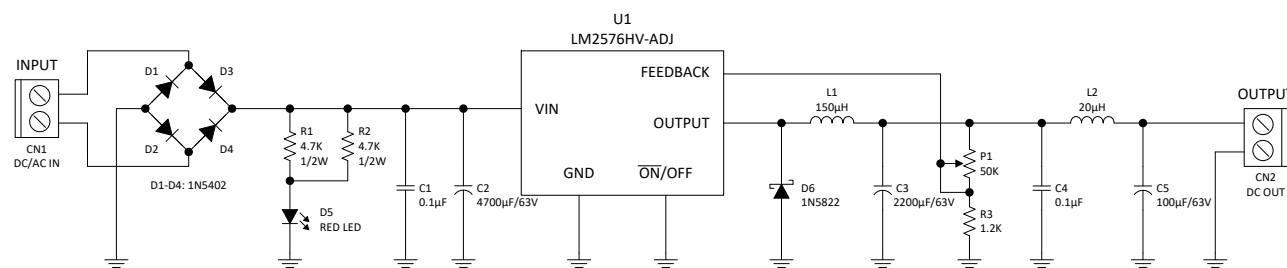
Various Packages for Diverse Market Demands



Efficient Footprint



Application Example - Adjustable Output Power Supply



Line-Up

Device Name	V _{OUT} [V]	V _{FB} [V]	V _{IN_MAX} [V]	I _{OUT_MAX} [A]	F _{SW} [KHz]	PKG
LM2575HV	ADJ/ 3.3/ 5.0/ 12	1.230	60	1.0	52	SOP-8PP/ TO-263-5L/ TO-220-5L
LM2576HV	ADJ/ 3.3/ 5.0/ 12/ 15	1.230	60	3.0	52	SOP-8PP/ TO-263-5L/ TO-220-5L
LM2596HV	ADJ/ 3.3/ 5.0/ 12/ 15	1.230	60	3.0	150	SOP-8PP/ TO-263-5L/ TO-220-5L

High Performance Linear Power Supplies

High Performance ULDO Regulators TPS Series Linear Regulators

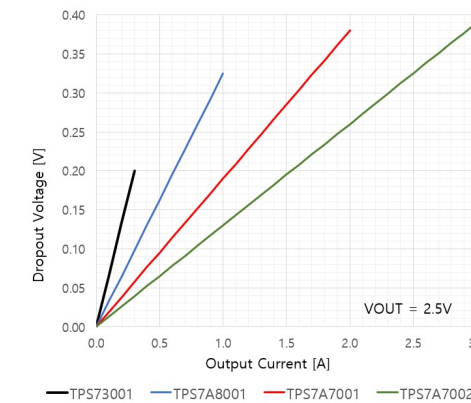
Features

- Ultra Low Dropout Voltage
* V_{DROP,TYP}=0.165~0.4V @ V_O=3.3V, I_O= Max. Load
- Output Current of 0.15A, 0.3A, 0.6A, 1.0A, 2.0A, 3.0A.
- Adjustable Output Voltage
- Wide Operating Temperature Range
- Low Quiescent Current or High Input Voltage
- Over Temperature & Over Current Protection

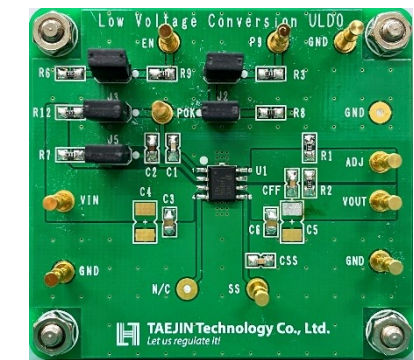
Applications

- LCD Monitors, LCD/OLED TVs
- Settop Boxes
- Notebook Computers
- Motherboards and Graphic Cards
- Car Infotainment system
- Microprocessor Power Supplies
- Telecom and Network Cards

Excellent Dropout Characteristics



Evaluation Kit



Line-Up

Device Name	V _{OUT} [V]	V _{REF} [V]	V _{IN_MIN} [V]	V _{IN_MAX} [V]	I _{OUT_MAX} [A]	V _{DROP_TYP} [V] (@I _{LOAD})	I _{Q_TYP} [mA]	PKG
TPS761xx	ADJ/ 2.0~8.5	1.242	2.5	16	0.15	0.165 (@I _{LOAD} =0.15A)	0.120	SOT-23-5L
TPS73001	ADJ	0.6	2.5	6.0	0.3	0.20 (@I _{LOAD} =0.3A)	0.10	SOT-23-6L
TPS730xx	0.8 ~ 3.6	Fixed	2.2	5.5	0.3	0.20 (@I _{LOAD} =0.3A)	0.035	SOT-23-5L
TPS740xx	ADJ/ 1.5 ~ 6.0	1.27	2.5	6.5	0.6	0.6 ~ 1.3 (@I _{LOAD} =0.6A)	0.050	SOT-23-5L
TPS1117LVxx	1.0/ 1.2/ 1.5/ 1.8/ 2.5/ 2.8/ 3.3	Fixed	2.5	5.5	1.0	0.40 (@I _{LOAD} =1.0A)	0.13	SOT-223-3L
TPS7A8001	ADJ	0.6	2.5	5.5	1.0	0.35 (@I _{LOAD} =1.0A)	0.15	DFN3x3-8
TPS7A7001	ADJ	0.6	2.5	5.5	2.0	0.40 (@I _{LOAD} =2.0A)	0.20	SOP-8PP
TPS7A7002	ADJ	0.6	2.5	5.5	3.0	0.40 (@I _{LOAD} =3.0A)	0.20	SOP-8PP
TPS7A4501	ADJ	1.24	2.25	26	1.5	0.35 (@I _{LOAD} =1.5A)	8	TO-263-5L
TPS75701	ADJ	1.25	2.25	16	3.0	0.40 (@I _{LOAD} =3.0A)	10	TO-263-5L
TPS75501	ADJ	1.25	2.25	16	5.0	0.40 (@I _{LOAD} =5.0A)	15	TO-263-5L

PRODUCT INDEX

60V Operative Non-Synchronous DC/DC Converter

LM2575HV	1.0A Step-Down Voltage Regulator (52KHz)	SOP-8PP/ TO-263-5L/ TO-220-5L
LM2576HV	3.0A Step-Down Voltage Regulator (52KHz)	SOP-8PP/ TO-263-5L/ TO-220-5L
LM2596HV	3.0A Step-Down Voltage Regulator (150KHz)	SOP-8PP/ TO-263-5L/ TO-220-5L

Dual Channel CMOS ULDO (Ultra Low Drop Out) Voltage Regulator (Low ESR MLCC Applicable)

LM2C1117	600mA Dual Channel ULDO Voltage Regulator	SOP-8PP
TJ5641	600mA Dual Channel ULDO Voltage Regulator	SOP-8PP

High Performance Linear Power IC

TPS761xx	150mA Low Noise VLDO Voltage Regulator	SOT-23-5L
TPS73001	300mA Adjustable Output CMOS ULDO Voltage Regulator	SOT-23-6L
TPS730xx	300mA Fast Transient Fixed Output CMOS ULDO Voltage Regulator	SOT-23-5L
TPS740xx	600mA CMOS LDO Voltage Regulator	SOT-23-5L
TPS1117LVxx	1.0A Fixed Output ULDO Voltage Regulator	SOT-223-3L
TPS7A8001	1.0A Adjustable Output ULDO Voltage Regulator	DFN3x3-8
TPS7A7001	2.0A Adjustable Output ULDO Voltage Regulator	SOP-8PP
TPS7A7002	3.0A Adjustable Output ULDO Voltage Regulator	SOP-8PP
TPS7A4501	1.5A High Input Voltage Adjustable Output VLDO Voltage Regulator	TO-263-5L
TPS75701	3.0A High Input Voltage Adjustable Output VLDO Voltage Regulator	TO-263-5L
TPS75501	5.0A High Input Voltage Adjustable Output VLDO Voltage Regulator	TO-263-5L
TPS2553D	Single Adjustable Current Limit up to 2.25A Power Distribution Switch	SOT-23-6L
LP2998	DDR Memory Termination Voltage Regulator (MLCC Applicable)	SOP-8PP

CMOS ULDO (Ultra Low Drop Out) Voltage Regulator (Low ESR MLCC Applicable)

TJ9198	300mA Low Input Low Output, Low Quiescent CMOS LDO	DFN1x1-4/ SC-70-5L/ SOT-23-3/-5L
TJ4303	300mA ULDO Voltage Regulator	SOT-23-5L
LM1108	300mA CMOS LDO Regulator	SOT-23-3L/ SOT-89-3L
LM8805	600mA CMOS LDO Regulator	SOT-23-5L/ SOT-89-3L
TJ1119C/F	1.0A ULDO Fixed Output Voltage Regulator	SOT-223-3L/ TO-252-3L
TJ1801	1.0A ULDO Voltage Regulator	SOP-8PP
TJ4310	1.0A ULDO Voltage Regulator	SOP-8/8PP/ SOT-89-5L/ DFN2x3-8
LD39150	1.5A ULDO Voltage Regulator	TO-252-5L
TJ2132	Sub-1V Output Low Vin 2.0A ULDO Voltage Regulator	SOP-8PP/ DFN3x3-8
TJ4320	2.0A ULDO Voltage Regulator	SOP-8PP/ TO-252-5L
TJ4330	3.0A ULDO Voltage Regulator	SOP-8PP/ TO-252-5L
TJ2134/A	Sub-1V Output Low Vin 4.0A ULDO Voltage Regulator	SOP-8PP

OCP IC

TJ2242	Single Adjustable Current Limit USB Power Switch	SOT-23-6L
TJ2242A	Single Adjustable Current Limit USB Power Switch	SOT-23-6L
TJ82034	2.5A Current Limit USB Power Switch	SOP-8

DDR Memory Termination Regulator (Sink/ Source Linear Regulator)

TJ2998	DDR Memory Termination Voltage Regulator (MLCC Applicable)	SOP-8/ SOP-8PP
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VLDO (Very Low Drop Out) Voltage Regulator

TJ75xxA	100mA CMOS Low Dropout Regulator	SOT-89-3L/ SOT-23-5L
LM2950/1	100mA LDO Voltage Regulator	TO-92/ SOP-8
LM2950G	100mA LDO Voltage Regulator	TO-92/ SC-70-5L
TJ5205	150mA Low Noise & High PSRR LDO Regulator	SOT-23-5L/ SOP-8/ SOP-8PP
LM9076	150mA Low IQ LDO with Delayed Reset Output	SOP-8/ TO-263-5L
TJ62FPxx	250mA Low Dropout Voltage Regulator	SOT-23-3L/ SOT-89-3L
TJ75xx	250mA CMOS Low Dropout Regulator	TO-92/ SOT-89-3L
LP2954	250mA LDO Voltage Regulator	TO-92/ TSOP-8/ TO-263/ TO-220
LM2940	1.0A LDO Regulator	SOT-223/ TO-220
LM2940H	1.0A High-Voltage LDO Regulator	SOT-223/ TO-220
LM2941	1.0A Adjustable LDO Regulator	TO-263-5L
LM3710x	1.0A High-Voltage Very Low-Dropout Voltage Regulator	SOP-8/ TO-252/ SOT-223
LM37102C	1.0A High-Voltage Very Low-Dropout Voltage Regulator (MLCC)	SOP-8/ SOP-8PP
LM3910x	1.0A High-Voltage Very Low-Dropout Voltage Regulator	SOT-223/ SOP-8/ TO-252
LM2915x	1.5A High-Voltage Very Low-Dropout Voltage Regulator	TO-252/ TO-263/ TO-220
LM3930x	3.0A High-Voltage Very Low-Dropout Voltage Regulator	TO-263/ TO-220
LM2930x	3.0A High-Voltage Very Low-Dropout Voltage Regulator	TO-263/ TO-220
LM39502	5.0A High-Voltage Very Low-Dropout Voltage Regulator	TO-263/ TO-220

LDO (Low Drop Out) Voltage Regulator

LM1117	1.0A LDO Fixed & Adjustable Voltage Regulator	SOT-89-3L/ SOT-223/ TO-252
LM1117G	1.0A LDO Fixed & Adjustable Voltage Regulator	SOT-23/ SOT-223
LM1086	1.5A LDO Fixed & Adjustable Voltage Regulator	TO-252/ TO-263
LM1085	3.0A LDO Fixed & Adjustable Voltage Regulator	TO-252/ TO-263
LM1084	5.0A LDO Fixed & Adjustable Voltage Regulator	TO-252/ TO-263

PRODUCT INDEX

Standard Linear Voltage Regulator

LM78Lxx	100mA Positive Fixed Voltage Regulator (5V~24V)	TO-92/ SOT-89-3L/ SOP-8
TJ78L05	100mA Positive Fixed Voltage Regulator (5V, MLCC Applicable)	SOT-89-3L
LM79Lxx	100mA Negative Fixed Voltage Regulator (-5V~-24V)	TO-92/ SOT-89-3L
LM317Lx	100mA Adjustable Voltage Regulator	TO-92/ SOT-89-3L/ SOP-8
LM78Mxx	500mA Positive Voltage Regulator (5V/15V)	TO-252-3L
LM79Mxx	3-Terminal 0.5A Negative Voltage Regulator	TO-220F-3L

Interface IC

MAX232E	RS-232 Transceiver	SOP-16
MAX3232E	RS-232 Transceiver	SOP-16
MAX485E	RS-485/RS-422 Transceiver	SOP-8/ DIP-8
MAX3485E	RS-485/RS-422 Transceiver	SOP-8/ DIP-8

Converter & Controller

MC34063AG	1.5A Step-Up/Down (Inverting) Converter Controller	SOP-8/ DIP-8
MC34063C	1.2A Step-Up/Down (Inverting) Converter Controller	SOP-8/ DIP-8
LM3842/3	Current Mode PWM Controller	SOP-8/ DIP-8
TL494	Pulse-Width-Modulation Controller	SOP-16/ DIP-16
TJ9910A	Universal High Brightness LED Driver	SOP-8
TJ7660	Charge Pump Voltage Converter	SOP-8/ DIP-8
TJ1051	Constant Voltage & Current Controller (Op-Amp + V _{REF})	SOP-8/ SOT-23-6L

Amplifier & Comparator

LM358GN	Dual Operational Amplifier	DIP-8
TJ358GD	Dual Operational Amplifier	SOP-8
LM2904	Dual Operational Amplifier	SOP-8/ DIP-8
LM4558	Low Noise Dual Operational Amplifier	SOP-8/ DIP-8
TJ324GD, LM324N	Quad Operational Amplifier	SOP-14 for TJ324GD, DIP-14 for LM324N
LM2902	Quad Operational Amplifier	SOP-14
OP07	Low Offset Precision Operational Amplifier	SOP-8/ DIP-8
TJ393GD, LM393GN	Dual Voltage Comparator	SOP-8 for TJ393GD, DIP-8 for LM393GN
TJ339GD, LM339N	Quad Voltage Comparator	SOP-14 for TJ339GD, DIP-14 for LM339N
LM386	Low Voltage Audio Power Amplifier	SOP-8/ DIP-8

Darlington Transistor Array

ULN2003A	Darlington 7-Digit Transistor Arrays	SOP-16
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Ground Fault Circuit Interrupter

GL7101	Earth Leakage Current Detector	SOP-8/ DIP-8
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Driver

CS8190	Precision Air-Core Tach/Speedo Driver with Return to Zero	SOP-20
L293D	Quadruple Half-H Driver	DIP-16

Voltage Reference

TL431A/C	Programmable Precision Shunt Regulator(2.495V)	TO-92/ SOT-23-3L/ SOT-89-3L
TJ431A/C, TJR431A/C	Programmable Precision Shunt Regulator(2.495V)	TO-92/ SOT-23-3L (TJR for Reverse Type)
LP431A/C, LPR431A/C	Low IKA Programmable Precision Shunt Regulator(2.500V)	SOT-23-3L (LPR for Reverse Type)
LM431/A	Programmable Precision Shunt Regulator(2.500V)	SOT-23-3L (Reverse Type)
TL432A/C	Programmable Precision Shunt Regulator(1.240V)	TO-92/ SOT-23-3L/ SOT-89-3L
LM336	Programmable Shunt Regulator	TO-92/ SOP-8
LM385	Micropower Voltage Reference	TO-92/ SOP-8

Logic IC

74HC00	Quad 2 Input NAND	SOP-14/ DIP-14
74HC04	Hex Inverters	SOP-14/ DIP-14
74HC14	Hex Schmitt Trigger Inverters	SOP-14/ DIP-14
CD4066B	CMOS Quad Bilateral Switch	SOP-14/ DIP-14

TVS

SM05	TVS Diode Array	SOT-23-3L
SRV05-4	Low Capacitance Steering Diode/ TVS Diode Array	SOT-23-6L

Non-Synchronous DC/DC Converter

LM2575	1.0A Step-Down Voltage Regulator (52KHz)	SOP-8PP/ TO-263-5L/ TO-220-5L
LM2576	3.0A Step-Down Voltage Regulator (52KHz)	SOP-8PP/ TO-263-5L/ TO-220-5L
LM2596/ LM2596G	3.0A Step-Down Voltage Regulator (150KHz)	SOP-8PP/ TO-263-5L/ TO-220-5L
LM4576	3.0A Step-Down Voltage Regulator (300KHz)	SOP-8PP/ TO-263-5L/ TO-220-5L
LM1501AG	5.0A Step-Down Voltage Regulator (150KHz)	TO-263-5L/ TO-220-5L
LM1501BG	5.0A Step-Down Voltage Regulator (300KHz)	TO-263-5L/ TO-220-5L
LM1937	0.32A Step-Up Switching Voltage Regulator (1.2MHz)	SOT-23-5L
LM1938	0.65A Step-Up Switching Voltage Regulator (1.3MHz)	SOT-23-6L

: Products Under Development

PRODUCTS

60V Operative Non-Synchronous DC/DC Converter (Step-Down Switching Regulator)

Device Name	V _{OUT} [V]	V _{FB} [V]	V _{IN_MAX} [V]	I _{OUT_MAX} [A]	F _{SW} [KHz]	PKG
LM2575HV	ADJ/ 3.3/ 5.0/ 12	1.230	60	1.0	52	SOP-8PP/ TO-263-5L/ TO-220-5L
LM2576HV	ADJ/ 3.3/ 5.0/ 12/ 15	1.230	60	3.0	52	SOP-8PP/ TO-263-5L/ TO-220-5L
LM2596HV	ADJ/ 3.3/ 5.0/ 12/ 15	1.230	60	3.0	150	SOP-8PP/ TO-263-5L/ TO-220-5L

Dual Channel CMOS ULDO Voltage Regulator

Device Name	V _{OUT} [V]	V _{IN_MIN} [V]	V _{IN_MAX} [V]	I _{OUT_MAX} [A]	V _{DROP_TYP} [V]	I _{Q_TYP} [mA]	PKG
LM2C1117 (Dual CH)	1.0 ~ 3.6 (0.1V Step for both CH.)	2.5	5.5	CH1 : 0.6 CH2 : 0.6	0.24 (@I _{LOAD} =0.6A)	0.14	SOP-8PP
TJ5641 (Dual CH)	1.0, 1.2, 1.5, 1.8, 2.5, 2.8, 3.3 (For both CH.)	2.5	5.5	CH1 : 0.6 CH2 : 0.6	0.24 (@I _{LOAD} =0.6A)	0.14	SOP-8PP

High Performance Linear Power IC

Device Name	V _{OUT} [V]	V _{REF} [V]	V _{IN_MIN} [V]	V _{IN_MAX} [V]	I _{OUT_MAX} [A]	V _{DROP_TYP} [V]	I _{Q_TYP} [mA]	PKG
TPS761xx	ADJ/ 2.0~8.5	1.242	2.5	16	0.15	0.165 (@I _{LOAD} =0.15A)	0.120	SOT-23-5L
TPS73001	ADJ	0.6	2.5	6.0	0.3	0.20 (@I _{LOAD} =0.3A)	0.10	SOT-23-6L
TPS730xx	0.8 ~ 3.6	Fixed	2.2	5.5	0.3	0.20 (@I _{LOAD} =0.3A)	0.035	SOT-23-5L
TPS740xx	ADJ/ 1.5 ~ 6.0	1.27	2.5	6.5	0.6	0.6 ~ 1.3 (@I _{LOAD} =0.6A)	0.050	SOT-23-5L
TPS1117LVxx	1.0/ 1.2/ 1.5/ 1.8/ 2.5/ 2.8/ 3.3	Fixed	2.5	5.5	1.0	0.40 (@I _{LOAD} =1.0A)	0.13	SOT-223-3L
TPS7A8001	ADJ	0.6	2.5	5.5	1.0	0.35 (@I _{LOAD} =1.0A)	0.15	DFN3x3-8
TPS7A7001	ADJ	0.6	2.5	5.5	2.0	0.40 (@I _{LOAD} =2.0A)	0.20	SOP-8PP
TPS7A7002	ADJ	0.6	2.5	5.5	3.0	0.40 (@I _{LOAD} =3.0A)	0.20	SOP-8PP
TPS7A4501	ADJ	1.24	2.25	26	1.5	0.35 (@I _{LOAD} =1.5A)	8	TO-263-5L
TPS75701	ADJ	1.25	2.25	16	3.0	0.40 (@I _{LOAD} =3.0A)	10	TO-263-5L
TPS75501	ADJ	1.25	2.25	16	5.0	0.40 (@I _{LOAD} =5.0A)	15	TO-263-5L

Device Name	Channel	Enable Control	V _{IN} [V]	I _{CC} [μA]	I _{CON_MAX} [A]	I _{LIMIT} [A]	R _{DS,ON} [mΩ]	PKG
TPS2553D	Single	High	2.8 ~ 5.5	90	1.5	ADJ (0.2 ~ 2.25)	100	SOT-23-6L

Device Name	Standards	A _{VIN} [V]	P _{VIN} [V]	V _{DDQ} [V]	V _{OUT} [V]	I _{SINK} & I _{SOURCE} [A]	PKG
LP2998	DDR-2/3/3L/4	3.0 ~ 5.5	0 ~ 2.0	1.2 ~ 1.8	VTT/ VREF	2.0 (Cont.) 3.0 (Peak)	SOP-8PP

PRODUCTS

CMOS ULDO Voltage Regulator

Device Name	V _{OUT} [V]	V _{REF} [V]	V _{IN_MIN} [V]	V _{IN_MAX} [V]	I _{OUT_MAX} [A]	V _{DROP_TYP} [V]	I _{Q_TYP} [mA]	PKG
TJ9198 (EN)	0.8 ~ 3.6	Fixed	2.2	5.5	0.3	0.20 (@I _{LOAD} =0.3A)	0.035	DFN1x1-4/ SC-70-5L/ SOT-23-3L/ 5L
TJ4303 (EN)	ADJ	0.6	2.5	6.0	0.3	0.20 (@I _{LOAD} =0.3A)	0.10	SOT-23-5L
LM1108	1.5 ~ 5.0	Fixed	2.5	6.5	0.3	0.3 ~ 0.6 (@I _{LOAD} =0.3A)	0.015	SOT-23-3L/ SOT-89-3L
LM8805 (EN)	ADJ/ 1.5 ~ 6.0	1.27	2.5	6.5	0.6	0.6 ~ 1.3 (@I _{LOAD} =0.6A)	0.050	SOT-23-5L/ SOT-89-3L
TJ1119C/F	1.0/ 1.2/ 1.5/ 1.8/ 2.5/ 2.8/ 3.3	Fixed	2.5	5.5	1.0	0.40 (@I _{LOAD} =1.0A)	0.13	SOT-223-3L/ TO-252-3L
TJ1801 (EN/ PG/ SS)	ADJ	0.6	1.6	5.5	1.0	0.25 ~ 0.6 (@I _{LOAD} =1.0A)	0.15	SOP-8PP
TJ4310 (EN/ PG/ SS)	ADJ	0.6	2.5	5.5	1.0	0.35 (@I _{LOAD} =1.0A)	0.15	SOP-8PP/ SOT-89-5L/ DFN2x3-8
LD39150	ADJ	0.6	2.5	5.5	1.5	0.28 (@I _{LOAD} =1.5A)	0.20	TO-252-5L
TJ2132 (EN/ PG/ SS)	ADJ	0.6	1.1	3.6	2.0	0.25 (@I _{LOAD} =2.0A)	0.10	SOP-8PP/ DFN3x3-8
TJ4320 (EN/ PG/ SS)	ADJ	0.6	2.5	5.5	2.0	0.40 (@I _{LOAD} =2.0A)	0.20	SOP-8PP/ TO-252-5L
TJ4330 (EN/ PG/ SS)	ADJ / 3.3	0.6	2.5	5.5	3.0	0.40 (@I _{LOAD} =3.0A)	0.20	SOP-8PP/ TO-252-5L
TJ2134 (EN)	ADJ	0.8	1.3	3.6	4.0	0.24 (@I _{LOAD} =4.0A)	0.15	SOP-8PP
TJ2134A (EN/ PG/ SS)	ADJ	0.8	1.3	3.6	4.0	0.24 (@I _{LOAD} =4.0A)	0.15	SOP-8PP

OCP IC

Device Name	Channel	Enable Control	V _{IN} [V]	I _{CC} [μA]	I _{CON_MAX} [A]	I _{LIMIT} [A]	R _{DS,ON} [mΩ]	PKG
TJ2242	Single	High	2.8 ~ 5.5	130	1.5	ADJ (0.2 ~ 2.25)	100	SOT-23-6L
TJ2242A	Single	High	2.8 ~ 5.5	90	1.5	ADJ (0.2 ~ 2.25)	100	SOT-23-6L
TJ82034	Single	High	2.8 ~ 5.5	80	1.5	2.5	70	SOP-8

Sink/ Source Linear Regulator

Device Name	Standards	A _{VIN} [V]	P _{VIN} [V]	V _{DDQ} [V]	V _{OUT} [V]	I _{SINK} & I _{SOURCE} [A]	PKG
TJ2998	DDR-2/3/3L/4	3.0 ~ 5.5	0 ~ 2.0	1.2 ~ 1.8	VTT/ VREF	2.0 (Cont.) 3.0 (Peak)	SOP-8/ SOP-8PP

 : Products Under Development

PRODUCTS

VLDO (Very Low Drop Out) Voltage Regulator

Device Name	V _{OUT} [V]	V _{REF} [V]	V _{IN_MIN} [V]	V _{IN_MAX} [V]	I _{OUT_MAX} [A]	V _{DROP_TYP} [V]	I _{Q_TYP} [mA]	PKG
TJ75xxA	3.3/ 5.0	Fixed	2.7	30	0.1	0.60 (@I _{LOAD} =50mA)	0.001	SOT-23-5L / SOT-89-3L
LM2950/1	3.3/ 5.0	Fixed	4.3	30 (Absolute)	0.1	0.38 (@I _{LOAD} =0.1A)	0.075	TO-92/SOP-8
LM2950G	2.5/ 3.3/ 5.0	Fixed	4.3	30	0.1	0.38 (@I _{LOAD} =0.1A)	0.075	TO-92/SC-70-5L
TJ5205 (EN/ Bypass)	ADJ/ 2.0~8.5	1.242	2.5	16	0.15	0.165 (@I _{LOAD} =0.15A)	0.120	SOT-23-5L/ SOP-8/ SOP-8PP
LM9076 (EN/ RESET)	3.3/ 5.0	Fixed	5.35	40	0.15	0.15 (@I _{LOAD} =0.15A)	0.025	SOP-8/ TO-263-5L
TJ62FPxx	2.8/ 3.0/ 3.3	Fixed	2.5	10	0.25	0.40 (@I _{LOAD} =0.16A)	0.001	SOT-23-3L/ SOT-89-3L
TJ75xx	3.3/ 5.0	Fixed	2.7	20	0.25	0.40 (@I _{LOAD} =0.16A)	0.001	TO-92/ SOT-89-3L
LP2954	ADJ/ 5.0	1.23	6.0	30 (Absolute)	0.25	0.47 (@I _{LOAD} =0.25A)	0.090	TO-92/ SOP-8/ TO-263-3L/ TO-220-3L
LM2940	3.3/ 5.0	Fixed	4.3	30 (Absolute)	1.0	0.40 (@I _{LOAD} =1.0A)	1.0	SOT-223-3L/ TO-220-3L
LM2940H	3.3/ 5.0	Fixed	4.3	60 (Absolute)	1.0	0.40 (@I _{LOAD} =1.0A)	1.0	SOT-223/ TO-220
LM2941	ADJ	1.24	2.3	30 (Absolute)	1.0	0.40 (@I _{LOAD} =1.0A)	1.0	TO-263-5L
LM3710x (EN/ Flag)	ADJ/ 2.5/ 5.0	1.24	2.25	16	1.0	0.47 (@I _{LOAD} =1.0A)	0.70	SOT-223-3L/ SOP-8/ TO-252-5L
LM37102C (EN)	ADJ	1.24	2.5	16	1.0	0.50 (@I _{LOAD} =1.0A)	3.8	SOP-8/ SOP-8PP
LM3910x (EN/ Flag)	ADJ/ 3.3/ 5.0	1.24	2.25	16	1.0	0.41 (@I _{LOAD} =1.0A)	0.70	SOP-8/ SOT-223-3L/ TO-252
LM2915x (EN/ Flag)	ADJ/ 1.8/ 2.5/ 3.3/ 5.0/ 12	1.24	2.25	26	1.5	0.35 (@I _{LOAD} =1.5A)	8	TO-252/ TO-263/ TO-220
LM3930x (EN/ Flag)	ADJ/ 1.8/ 2.5/ 3.3/ 5.0	1.25	2.25	16	3.0	0.40 (@I _{LOAD} =3.0A)	10	TO-263/ TO-220
LM2930x (EN/ Flag)	ADJ/ 1.8/ 2.5/ 3.3/ 5.0/ 12	1.24	2.30	26	3.0	0.37 (@I _{LOAD} =3.0A)	10	TO-263/ TO-220
LM39502 (EN)	ADJ	1.25	2.25	16	5.0	0.40 (@I _{LOAD} =5.0A)	15	TO-263/ TO-220

LDO (Low Drop Out) Voltage Regulator

Device Name	V _{OUT} [V]	V _{REF} [V]	V _{IN_MIN} [V]	V _{IN_MAX} [V]	I _{OUT_MAX} [A]	V _{DROP_TYP} [V]	I _{Q_TYP} [mA]	PKG
LM1117	ADJ/ 1.2/ 1.5/ 1.8/ 2.5/ 3.3/ 5.0	1.25	2.7	20 (Absolute)	1.0	1.2 (@I _{LOAD} =1.0A)	5	SOT-223/ SOT-89-3L/ TO-252
LM1117G	ADJ/ 1.2/ 1.5/ 1.8/ 2.5/ 3.3/ 5.0	1.25	2.7	20 (Absolute)	1.0	1.2 (@I _{LOAD} =1.0A)	5	SOT-23/ SOT-223
LM1086	ADJ/ 1.5/ 1.8/ 2.5/ 3.3/ 5.0	1.25	3.0	12 (Absolute)	1.5	1.3 (@I _{LOAD} =1.5A)	5	TO-252/ TO-263
LM1085	ADJ/ 1.5/ 1.8/ 2.5/ 3.3/ 5.0	1.25	3.0	12 (Absolute)	3.0	1.3 (@I _{LOAD} =3.0A)	5	TO-252/ TO-263
LM1084	ADJ/ 1.5/ 1.8/ 2.5/ 3.3/ 5.0	1.25	3.0	12 (Absolute)	5.0	1.3 (@I _{LOAD} =5.0A)	3	TO-252/ TO-263

PRODUCTS

Standard Linear Voltage Regulator

Device Name	V _{OUT} [V]	Tolerance [%]	V _{IN_MIN} [V]	V _{IN_MAX} [V]	I _{OUT_MAX} [A]	V _{DROP_TYP} [V]	I _{Q_MAX} [mA]	PKG
LM78L05	5	2/ 4	7	20	0.1	1.7	6	TO-92/ SOP-8/ SOT-89-3L
TJ78L05	5	4	7	20	0.1	1.7	6	SOT-89-3L
LM78Lxx	6/ 8/ 9/ 10/ 12/ 15/ 18/ 24	4	8 ~ 26.5	20 ~ 39	0.1	1.7	6 ~ 6.5	TO-92/ SOT-89-3L
LM79Lxx	-5/ -6/ -8/ -9/ -12/ -15/ -18/ -24	4	-7 ~ -27	-20 ~ -38	0.1	1.7	6 ~ 6.5	TO-92/ SOT-89-3L
LM317Lx	Adjustable (1.25 ~ 37)	4	3	40	0.1	3.0	10	TO-92/ SOP-8/ SOT-89-3L
LM78Mxx	5/ 15	4	7.2/ 17.5	25/ 30	0.5	2.0	6	TO-252-3L
LM79Mxx	-5/ -6/ -8/ -9/ -12/ -15/ -18/ -20/ -24	4	-7 ~ -27	-25 ~ -38	0.5	1.6	2	TO-220F-3L

Interface IC

Device Name	Interface	Supply Voltage [V]	Supply Current [mA]	No. of Tx	No. of Rx	Data Rate (min) [kbps]	ESD Voltage	PKG
MAX232E	RS-232	5.0	10	2	2	140	±2 kV	SOP-16
MAX3232E	RS-232	3.3 ~ 5.0	0.3	2	2	250	±15 kV	SOP-16
MAX485E	RS-485/ RS-422	5.0	0.9	1	1	5,000	±15 kV	SOP-8/ DIP-8
MAX3485E	RS-485/ RS-422	3.3	0.5	1	1	5,000	±15 kV	SOP-8/ DIP-8

Converter & Controller – Step-Up/Down Converter Controller

Device Name	Supply Voltage V _{CC} [V]	Switch Current I _{SW} [A]	Reference Accuracy [%]	Supply Current I _{CC_MAX} [mA]	Comparator Input Range V _{IR} [V]	Ambient Temp. Range [°C]	PKG
MC34063AG	40	1.5	2	4.0	-0.3 ~ 40 (Absolute)	-40 ~ 125	SOP-8/ DIP-8
MC34063C	40	1.2	2	4.0	-0.3 ~ 40 (Absolute)	-40 ~ 125	SOP-8/ DIP-8

Converter & Controller – Charge Pump Voltage Converter

Device Name	Supply Voltage [V]	Output Voltage [V]	Supply Current [μA]	Power Efficiency [%]	Frequency [KHz]	PKG
TJ7660	10.5 (Absolute)	-nV _{IN}	100	98	10	SOP-8/ DIP-8

Converter & Controller – PWM Controller

Device Name	Supply Voltage V _{CC} [V]	Reference Output V _{REF} [V]	Frequency (max) [KHz]	UVLO Threshold V _{TH} [V]	Duty Cycle (max) [%]	PKG
LM3842/3	30 (Absolute)	5	500	16/ 8.4	100	SOP-8/ DIP-8

Device Name	Supply Voltage V _{CC} [V]	Reference Output [V]	Oscillator Frequency [KHz]	Collector Output Current [A]	C-E Saturation Voltage [V]	PKG
TL494	40	5	300	0.2	1.1 (@ CE) 1.5 (@ CC)	SOP-16/ DIP-16

Converter & Controller – LED Driver

Device Name	Topology	V _{SUPPLY} [V]	Current sense pull-in threshold V _{CS(HI)} [mV]	I _{OUT} [A]	Dimming	PKG
TJ9910A	Buck	10 ~ 600	238 ~ 262	External FET	PWM/ Linear	SOP-8

PRODUCTS

Constant Voltage & Current Controller

Device Name	Supply Voltage V _{CC} [V]	Voltage Control Loop Ref. V _{REF} [V]	Transconduction Gain(V _{CTRL}) [mA/mV]	Current Control Loop Ref. V _{SNESE} [V]	Transconduction Gain(I _{CTRL}) [mA/mV]	PKG
TJ1051	12	1.21	3.5	0.2	7	SOT-23-6L/ SOP-8

Amplifier

Device Name	Type	Supply Voltage V _{CC} [V]	Input Offset V _{IO_MAX} [mV]	Differential input V _{I(DIFF)} [V]	Input Voltage V _{IN} [V]	PKG
LM358GN	Dual	45 (Absolute)	7	45 (Absolute)	-0.3~45 (Absolute)	DIP-8
TJ358GD	Dual	45 (Absolute)	7	45 (Absolute)	-0.3~45 (Absolute)	SOP-8
LM2904	Dual	45 (Absolute)	7	45 (Absolute)	-0.3~45 (Absolute)	SOP-8/ DIP-8
LM4558	Dual	±22 (Absolute)	5	±30 (Absolute)	±15 (Absolute)	SOP-8/ DIP-8
TJ324GD	Quad	36 (Absolute)	7	36 (Absolute)	-0.3~36 (Absolute)	SOP-14
LM324N	Quad	36 (Absolute)	7	36 (Absolute)	-0.3~36 (Absolute)	DIP-14
LM2902	Quad	36 (Absolute)	7	36 (Absolute)	-0.3~36 (Absolute)	SOP-14
OP07	Single	±22 (Absolute)	0.06	±30 (Absolute)	±22 (Absolute)	SOP8/ DIP8
LM386	Single	15 (Absolute)	Gain=46dB/ BW=30kHz/ THD=0.2%		± 0.4	SOP8/ DIP8

Comparator

Device Name	Type	Supply Voltage [V]	Differential Input V _{I(DIFF)} [V]	Input Voltage [V]	Input Offset V _{IO} [mV]	Input Offset Current [nA]	Input Bias Current [nA]	PKG
TJ393GD / LM393GN	Dual	±18 or 36 (Absolute)	36 (Absolute)	-0.3 ~ 36 (Absolute)	2	5	-25	SOP-8/ DIP-8
TJ339GD / LM339N	Quad	±18 or 36 (Absolute)	36 (Absolute)	-0.3 ~ 36 (Absolute)	2	5	-25	SOP-14/ DIP-14

Darlington Transistor Arrays

Device Name	Output Type	Channel	V _{CE} (Abs.) [V]	V _{IN} (Abs.) [V]	Max Collector Current [mA]	V _{CE(SAT),MAX} [V]	Input Base Resistor [kΩ]	PKG
ULN2003	Sink	7	40	30	500	1.3 @ I _C =200mA	2.7	SOP-16
ULN2003A	Sink	7	50	30	500	1.3 @ I _C =200mA	2.7	SOP-16

Voltage Reference

Device Name	Tolerance [%]	V _{REF} [V]	V _{KA} [V]	I _{KA_MAX} [mA]	I _{KA(MIN)_MAX} [mA]	PKG
TL431	- : 2, A : 1, C : 0.5	2.495	40	100	0.5	TO-92/ SOT-89-3L/ SOT-23-3L
TJ431	A : 1, C : 0.5	2.495	28	100	1.0	TO-92/ SOT-23-3L
LP431	A : 1, C : 0.5	2.500	36	100	0.08	SOT-23-3L
LM431	A : 1	2.500	40	100	0.5	SOT-23-3L (Reverse Pin)
TJR431	A : 1, C : 0.5	2.495	28	100	1.0	SOT-23-3L (Reverse Pin)
LPR431	A : 1, C : 0.5	2.500	36	100	0.08	SOT-23-3L (Reverse Pin)
TL432	A : 1, C : 0.5	1.240	18	100	0.08	TO-92/ SOT-89-3L/ SOT-23-3L
LM336	2.0	2.5/5..0(Fixed)	-	10	0.6	TO-92/ SOP-8
LM385	3.0	1.2/2.5 (Fixed) 1.24 (ADJ)	-	20	0.035	TO-92/ SOP-8

PRODUCTS

GFCI - Earth Leakage Current Detector

Device Name	V _{CC,MIN} [V]	V _{CC,MAX} [V]	I _{CC,TYP} [uA]	V _T (S version) [mV rms]	V _T (A version) [mV rms]	V _{SCON} [V]	t _{ON} [ms]	PKG
GL7101	12	20	400	11.50 ~ 13.86	13.86 ~ 15.60	0.7 ~ 1.4	1 ~ 4	SOP-8/ DIP-8

Driver - Precision Air-Core Tach/Speedo Driver

Device Name	Supply Voltage (Absolute) [V]	Max. Input Freq. Range [kHz]	Output V _{SAT} [V]	Output Voltage [V]	(V _{CCOS+} -V _{CCOS-}) [V]	(V _{SIN+} -V _{SIN-}) [V]	PKG
CS8190	24	20	0.15 @ I _{CC} =10mA	7	6.5 @ Θ=0° -6.5 @ Θ=180°	6.5 @ Θ=90° -6.5 @ Θ=270°	SOP-20

Driver - Quadruple Half-H Driver

Device Name	Max. Supply Voltage [V]	Logic Supply Voltage [V]	Max. Power Supply Current [mA]	Max. Logic Supply Current [mA]	Source Output Sat. Voltage [V]	Sink Output Sat. Voltage [V]	PKG
L293D	36	4.5 ~ 7	14	35	1.4	1.2	DIP-16

Logic IC

Device Name	V _{CC(MIN)} [V]	V _{CC(MAX)} [V]	CH. [#]	I _{OL(MAX)} [mA]	I _{OH(MAX)} [mA]	V _{OL(MAX)} @ V _{CC} =6V	V _{OH(MIN)} @ V _{CC} =6V	t _{PD,TYP} @ V _{CC} =4.5V	PKG
74HC00	2	6	4	5.2	-5.2	0.4V @ I _{OL,MAX}	5.2V @ I _{OH,MAX}	9 ns	SOP-14/ DIP-14
74HC04	2	6	6	5.2	-5.2	0.4V @ I _{OL,MAX}	5.2V @ I _{OH,MAX}	9 ns	SOP-14/ DIP-14
74HC14	2	6	6	5.2	-5.2	0.4V @ I _{OL,MAX}	5.2V @ I _{OH,MAX}	15 ns	SOP-14/ DIP-14
74HC595	2	6	1	5.2	-5.2	0.4V @ I _{OL,MAX}	5.2V @ I _{OH,MAX}	20 ns	TSSOP/SOP/ DIP-16

Device Name	V _{CC} [V]	CH. [#]	R _{ON,MAX} [ohm]	R _{ON,MAX} [ohm]	R _{ON,MAX} [ohm]	I _{IN} [uA]	I _{ON} [uA]	I _{OFF} [uA]	PKG
CD4066B	3 ~ 18	4	1050 @ 5V	400 @ 10V	240 @ 15V	±0.1	±0.1	±0.1	SOP-14/ DIP-14

TVS

Device Name	Lines	Reverse Stand-Off [V]	Min. Breakdown Voltage [V]	Max. Reverse Leak Current [A]	ESD Immunity Contact [kV]	ESD Immunity Air [kV]	PKG
SM05	2	5	6.0	5	8	15	SOT-23-3
SRV05-4	4	5	5.8	5	8	15	SOT-23-6

Non-Synchronous DC/DC Converter (Step-Down Switching Regulator)

Device Name	V _{OUT} [V]	V _{FB} [V]	V _{IN_MAX} [V]	I _{OUT_MAX} [A]	F _{SW} [KHz]	PKG
LM2575	ADJ/ 3.3/ 5.0/ 12	1.230	40	1.0	52	SOP-8PP/ TO-263-5L/ TO-220-5L
LM2576	ADJ/ 3.3/ 5.0/ 12/ 15	1.230	40	3.0	52	SOP-8PP/ TO-263-5L/ TO-220-5L
LM2596	ADJ/ 3.3/ 5.0/ 12/ 15	1.230	40	3.0	150	SOP-8PP/ TO-263-5L/ TO-220-5L
LM2596G	ADJ/ 3.3/ 5.0/ 12/ 15	1.230	40	3.0	150	TO-263-5L
LM4576	ADJ/ 3.3/ 5.0/ 12/ 15	1.230	40	3.0	300	SOP-8PP/ TO-263-5L/ TO-220-5L
LM1501AG	ADJ/ 3.3/ 5.0/ 12	1.230	40	5.0	150	TO-263-5L/ TO-220-5L
LM1501BG	ADJ/ 3.3/ 5.0/ 12	1.230	40	5.0	300	TO-263-5L/ TO-220-5L

Step-Up Switching Voltage Regulator

Device Name	V _{IN} [V]	I _{sw} [A]	V _{SW_MAX} [V]	I _{CC} [uA]	F _{SW} [KHz]	PKG
LM1937	2.5 ~ 10	0.32	36 (Absolute)	0.1 (Shut-down) 1900 (Operating)	1200	SOT-23-5L
LM1938	2.5 ~ 10	0.65	36 (Absolute)	0.1 (Shut-down) 2100 (Operating)	1300	SOT-23-6L

Products Under Development

CROSS REFERENCE GUIDE

Catalog	TAEJIN	TI	ON-SEMI	ST	MICROCHIP	ROHM
60V Operative Non-Synchronous DC/DC Converter	LM2575HVDP-x.x	LM2574HVM-xx, LM2574HVN-xx, TL2575HV-xxIN		L4971, L4976		
	LM2575HVR-x.x	LM2575HVS-x.x, TL2575HV-xxIKTT				
	LM2575HVT-x.x	LM2575HVT-x.x, TL2575HV-xxIKV				
	LM2576HVDP-x.x					
	LM2576HVR-x.x	LM2576HVS-x.x				
	LM2576HVT-x.x	LM2576HVT-x.x				
	LM2596HVGDP-x.x	LM2594HVMX-x.x, LM2594HVN-x.x		L7987L, L4973		
	LM2596HVGR-x.x	LM2591HVS-x.x, LM2592HVS-x.x, LM2593HVS-x.x				
LM2596HVGT-x.x	LM2591HVT-x.x, LM2592HVT-x.x, LM2593HVT-x.x					
Dual Channel CMOS ULDO Voltage Regulator (MLCC)	LM2C1117					
	TJ5641/H					
High Performance Linear Power ICs	TPS761xx	TPS788xxDBVR, LP2985A-xxDBV, TPS761xxDBVR, TPS709xxDBVR		LD2981ABMxxTR, LD2985BMxxR, LD2980ABMxxTR, LDK220Mxx / 320Mxx	MIC5247-xxBM5, MIC5205-x.xYM5, MIC5235-3.3YM5	
	TPS73001	TPS73201DBVR, TPS73001DBVR, TPS79101DBVR	CAT6220TDI-GT3	LDLC015MR	MIC5318YD5, MIC5319	
	TPS730xx	LP5907MFX-x.x, LP5907SNX-x.x, TLV703xx, TLV702xx, TPS721xxDBVR	NCP115ASNxx, NCP4589DSQxx, NCP4589DSNxx	LDLN025PU/M.xx, LD39020DTPUxx, LD39030DTPUxxR, LD3985MxxR	MIC5323, MCP1711T-xxI/OT, MCP1711T-xxI/5X, MIC5247-xxBM5	BDxxTD3WG
	TPS740xx	TLV702xxDBVR, TLV740xxPDBVR, TLV757xxPDBVR, TPS735xx	CAT6219-xxxTDG, CAT6219ADJTD		MIC5319-x.xYD5	BUxxSD5
	TPS1117LVxx	TLV1117LVxxDCYR, LM3940IMP-x.x			TC2117-x.xVDBTR, MIC37139-xxBS	BDxxIA5MEFJ-ME2
	TPS7A8001	TPS7A8001DRB, TPS786xx	CAT6243DCADJ-RKG	LDL112	MIC37102	BDxxIC0WEFJ, BDxxKA5WF-E2
	TPS7A7001	TPS796xxKTT, TPS7A7001DDA, TPS78630, LP3965	CAT6243DCADJ-RKG	LD39150	MIC37139	
	TPS7A7002	TPS7A7002DDA, TPS7A7002DDAR, TPS758xx, TPS74401, TPS75701KTT, LP38501-TS-ADJ	NCP4632DDTADJ	LD39300	MIC37302	

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Catalog	TAEJIN	TI	ON-SEMI	ST	MICROCHIP	ROHM
High Performance Linear Power ICs	TPS7A4501	TPS7A4501KTR	NCP59150DSADJ, NCV59150DSADJ, NCP57152DSADJ, NCV57152DSADJ			
	TPS75701	TPS75701KTT	NCP59302DSADJ, NCV59302DSADJ, NCP5663DSADJR4G, NCV5663DSADJR4G	LD29300P2MTR	MIC39302WU, MIC29302WU	
	TPS75501	TPS75501KTT			MIC29502WU	
	TPS2553D	TPS2553DBVR	NCP380HSNAJ		MIC2009YM6, MIC2019YM6	BD2242G
	LP2998	LP2998	NCP51198		MIC5166	
	CMOS ULDO Voltage Regulator (MLCC)	TJ9198	LP5907MFX-x.x, LP5907SNX-x.x, TLV703xx, TLV702xx, TPS721xxDBVR	NCP115ASNxx, NCP4589DSQxx, NCP4589DSNxx	LDLN025PU/M.xx, LD39020DTPUxx, LD39030DTPUxxR, LD3985MxxR	MIC5323, MCP1711T-xxI/OT, MCP1711T-xxI/5X, MIC5247-xxBM5
TJ4303GSF5-x.x		TPS73201DBVR, TPS73001DBVR, TPS79101DBVR	CAT6220TDI-GT3	LDLC015MR	MIC5318YD5, MIC5319	
LM1108						
LM8805SF5-x.x		TLV702xxDBVR, TLV757xxPDBVR, TPS735xx	CAT6219-xxxTDG, CAT6219ADJTD		MIC5319-x.xYD5	BUxxSD5
TJ1119C/FGS-x.x		TLV1117LVxxDCYR, LM3940IMP-x.x			TC2117-x.xVDBTR, MIC37139-xxBS	BDxxIA5MEFJ-ME2
TJ1119C/FGRS-x.x						
TJ1801				LDL112		
TJ4310 Series		TPS786xx	AT6243DCADJ-RKG	LDL112	MIC37102	BDxxIC0WEFJ, BDxxKA5WF-E2
LD39150/ADJ				LD39150PT, LD39150DTxx, LD39150PU	MIC39150, MIC39152WD	
TJ2132 Series				LD49150		
TJ4320 Series		TPS796xxKTT, TPS78630, LP3965	AT6243DCADJ-RKG	LD39150	MIC37139	
TJ4330 Series		TPS758xx, TPS74401, TPS75701KTT, LP38501-TS-ADJ	NCP4632DDTADJ	LD39300	MIC37302	
TPS7A7002DP	TPS7A7002DDA, TPS7A7002DDAR			MIC37302WR		
TJ2134/AGDP	TPS7A85		LD49300PTxx			

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Catalog	TAEJIN	TI	ON-SEMI	ST	MICROCHIP	ROHM
OCP IC	TJ2242GSF6	TPS2553DBVR	NCP380HSNAJ		MIC2009YM6, MIC2019YM6	BD2242G
	TJ2242AGSF6	TPS2553DBVR	NCP380HSNAJ		MIC2009YM6, MIC2019YM6	BD2242G
	TJ82034HGD	LM3525M				BD82034
Sink / Source Linear Regulator	TJ2998GD	LP2998	NCP51198		MIC5166	
	TJ2998GDP	LP2998	NCP51198		MIC5166	
VLDO Voltage Regulator	LM2950/1D-x.x	LP295x	LP295x, NCV4264D50R2G		MIC295x	
	TJ2950G/GTF5-x.x	LP2950ACZ-x.x	LP2950ACZ-x.x		MIC2950	
	TJ5205 Series	TPS788xxDBVR, LP2985A-xxDBV, TPS761xxDBVR, TPS709xxDBVR,		LD2981ABMxxTR LD2985BMxxR, LD2980ABMxxTR, LDK220Mxx / 320Mxx	MIC5247-xxBM5, MIC5205-x.xYM5, MIC5235-3.3YM5	
	LM9076D	LM9076BMA/BMX-x.x				
	LM9076R	LM9076S/SX-x.x				
	TJ62FPxxGSF/GF					
	TJ75xxG/GF		MC78LC5xxHT1G	LDK320ADUxxR	MCP1701AT-xx, MCP1702/T	
	LM2954	LP2954				BD3650FP-M
	LM2940S	LM2940IMP-x.x, LM2940CS/CT-x.x			MIC2940A-x.xWT/WU, MIC2941AWT/WU	
	LM2940T	LM2940CT-x.x, LM2940CS-x.x			MIC2940A-x.xWT/WU, MIC2941AWT/WU	BA033CC0T, BA05CC0T
	LM2940HD					
	LM2940HR	LM2940S-x.x, LM2940IMP/CT-x.x			MIC2940A-x.xWT/WU, MIC2941AWU / WT	
	LM2940HT	LM2940CT-x.x, LM2940IMP/CS/LD-x.x			MIC2940A-x.xWT / WU, MIC2941AWT / WU	
	LM37100S-x.x			LD29080SxxR	MIC39100-x.xWS, MIC37100-x.xWS	
	LM37101D-x.x	UCC381DP-x., UCC281DP-x.	MC33269DR2-x.xG		MIC39101-x.xYM, MIC37101-x.xYM	
	LM37102D	TL5209DR, UCC381DP-xADJ UCC281DP-ADJ	MC33269DR2G		MIC39102YM, MIC37102YM	
	LM37102RS		NCP5661DTADJRKG	LDFPT, LD29080PTR	MIC37102BR	BA00BC0WFP
	LM37102CGD/GDP	TL5209DR, TPS73801DCQR	MC33269DR2G		MIC39102BM, MIC37102BM	
	LM39100S-x.x			LD29080Sxx	MIC39100-x.xBS, MIC37100-x.xBS	
	LM39100RS-x.x			LD29080DTxx, LDFxxDT, LD39080DTxx		BAxxBC0FP
	LM39101D-x.x	UCC381DP-x, UCC281DP-x.	MC33269DR2-x.xG		MIC39101-x.xYM, MIC37101-x.xYM	
	LM39101RS-x.x			LDFxxPT		BAxxBC0WFP, BA00BC0WFP]

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Catalog	TAEJIN	TI	ON-SEMI	ST	MICROCHIP	ROHM
VLDO Voltage Regulator	LM39102D	TL5209DR, TPS73801DCQR, UCC381DP-xADJ UCC281DP-ADJ	MC33269DR2G		MIC39102YM, MIC37102YM	
	LM39102RS		NCP5661DTADJRKG	LDFPT, LD29080PTR	MIC37102BR	BA00BC0WFP
	LM29150RS-x.x			LD29150DTxxR, LD39150DTxx, LFxxAB/CDT		BDxxFC0FP-E2
	LM29150R-x.x	LM2940S-xx, LM2940CS-xx	NCP59150DSxx, NCV59150DSxx, NCP565D2Txx, NCV565D2Txx,		MIC29150-x.xWU	BAxxDD0WHFP
	LM29150T-x.x	LM2940T-xx LM2940CT-xx		LFxxAB/CV, LFxxAB/CV-DG	MIC29150-x.xWT	BAxxJC5T
	LM29151R-x.x	TPS7A45xxKTTR	NCP59150DSxx, NCV59150DSxx, NCP565D2Txx, NCV565D2Txx		MIC29151-x.xWU	
	LM29152RS			LD29150PTR LD39150PTxx, LFxxAB/CPT	MIC29152WD	BA00CC0WFP, BD00FC0WFP-E2
	LM29152R	TPS7A4501KTTR	NCP59152DSADJ, NCV59152DSADJ, NCP57152DSADJ, NCV57152DSADJ			
	LM29152T				MIC29152WT	BA00CC0WT, BA00JC5WT
	LM39300R-x.x		NCP59300DSxx, NCV59300DSxx, NCP5663DSxxR4G, NCV5663DSxxR4G	LD39300DTxx	MIC39300-x.xBU	
	LM39300T-x.x				MIC39300-x.xBT	
	LM39301R-x.x	TPS757xxKTT, LP3853/6ES-x.x	NCP59301DSxx, NCV59301DSxx	LD39300PTxx	MIC39301-x.xBU	BAxxDD0WHFP
	LM39301T-x.x	TPS757xxKC, LP3853/6ET-x.x			MIC39301-x.xBUT	
	LM39302R	TPS75701KTT	NCP59302DSADJ, NCV59302DSADJ, NCP5663DSADJR4G, NCV5663DSADJR4G	LD29300P2MTR	MIC39302WU, MIC29302WU	
	LM39302T	TPS75701KC			MIC39302WU	
	LM29300R-x.x				MIC29300-x.xWU	
	LM29300T-x.x				MIC29300-x.xWT	
	LM29301R-x.x				MIC29301-x.xWU	
	LM29301T-x.x				MIC29301-x.xWT	
	LM29302R				MIC29302WU	
	LM29302T				MIC29302WT	
	LM39502R	TPS75501KTT			MIC29502WU	
	LM39502T	TPS75501KC			MIC29502WT	

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Catalog	TAEJIN	TI	ON-SEMI	ST	MICROCHIP	ROHM
LDO Voltage Regulator	LM1117S-x.x	REG1117/A-x.x, LM1117MP-x.x LMS8117AMP-x.x	NCP1117STxxT3G, MC33269ST-x.x	LD1117SxxTR		
	LM1117F-x.x					
	LM1117RS-x.x	LM1117DT-x.x, LMS8117ADT-x.x	NCP1117DTxx, NCV1117DTxx, MC33269SDT-x.x	LD1117DTxxTR		BA1117FP-E2
	LM1117GS-x.x	REG1117/A-x.x, LM1117MP-x.x LMS8117AMP-x.x	NCP1117STxx, NCV1117STxx, MC33269ST-x.x, NCV565STxx	LD1117SxxTR, LDL1117xxR		
	LM1086R/RS-x.x	LM1086		LD1086		
	LM1085R/RS-x.x	LMS1587IS/CS-x.x, LMS1587IT/CT-x.x, LM1085		LD1085		
	LM1084R/RS-x.x	LMS1585IS/CS-x.x, LMS1585IT/CT-x.x, LM1084	CS5205-1GDP	LD1084		
	Standard Linear Voltage Regulator	LM78L05/F/D	UA78Lxx, LM78Lxx	MC78Lxx, KA78Lxx, LM78Lxx, NCV78L05ABDR2G	L78Lxx	
TJ78L05GF		UA78Lxx, LM78Lxx	MC78Lxx, KA78Lxx, LM78Lxx	L78Lxx		BDxxFA1FP3
LM78Lxx/F		UA78Lxx, LM78Lxx	MC78Lxx, KA78Lxx, LM78Lxx	L78Lxx		BDxxFA1FP3
LM79Lxx/F		LM79Lxx	MC79Lxx	L79Lxx		
LM317L/LF/LD		TL317, LM317L	LM317L	LM317L		
LM78MxxRS		LM78Mxx	MC78Mxx,KA78Mxx	L79MxxCP, L79MxxACV		BA78MxxFP
LM79MxxTP		LM79MxxCT, UA79MxxCKCS	MC79MxxBT/CT, KA79Mxx	L79MxxCP, L79MxxACV L79MxxACV-DG		
Interface IC		MAX232EN	MAX232N/IN		ST232CN	
	MAX3232D	TPS3232ECPWR, MAX3232				
	MAX485ED	SN75176AD, DS1487M, ADM485AR		ST485BDR, ST485CDR		
	MAX485EN	SN75176AP, DS1487N, ADM485AN		ST485BN, ST485CN		
	MAX3485ED	SN65HVD11D/DR, SN75HVD12D/DR		ST1480ABDR, ST3485EBDR		

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Catalog	TAEJIN	TI	ON-SEMI	ST	MICROCHIP	ROHM
Converter & Controller	MC34063AD	MC34063AD,	MC34063ADG, SC34063ADR2G NCP3066DR	MC34063ACD-TR, MC34063ECD-TR		
	MC34063AGN	MC34063AP	MC34063AP1G, SC34063AP1G, NCP3066PG	MC34063ACN, MC34063ECN		
	MC34063BD	MC33063AD	MC33063ADG, SC33063ADR2G' NCP3066DR	MC34063ABD-TR		
	MC34063CD	MC33063AD, MC34063AD	MC33063ADG, SC33063ADR2G, NCP3066DR	MC34063ABD-TR		
	TJ34063AGD	MC33063AD, MC34063AD	MC34063ADG, MC33063ADG, SC33063ADR2G	MC34063ABD-TR		
	TJ34063CGD	MC33063AD, MC34063AD	MC33063ADG, SC33063ADR2G	MC34063ABD-TR		
	LM3842AD	UC3842D, TL3842BDR-8	UC3842AD / BD	UC3842BD, UC3844BD	MIC38C42BM	
	LM3842AN	UC3842N, TL3842BP	UC3842AN / BN	UC3842BN, UC3844BN	MIC38C42BN	
	LM3843AD	UC3843D, TL3843BDR-8	UC3843AD / BD	UC3843BD, UC3845BD	MIC38C43BM	
	LM3843AN	UC3843N, TL3843BP	UC3843AN / BN	UC3843BN, UC3845BN	MIC38C43BN	
	TL494D	TL494CD, TL494ID	TL494CD			
	TL494N	TL494CN, TL494IN	TL494CN, TL494IN			
	TJ9910GD		CS5171, NCV5171EDR2G CS5173		MIC2172	
	TJ9910AGD				HV9910BLG-G HV9861ALG-G	
	TJ33120GD				HV9910BLG-G HV9861ALG-G	
	TJ7660D	LM2660MX	CAT660EVA-GT3			
	TJ7660N	TL7660CP				
	TJ1051					
Comparator	TJ393GD	LM293D, LM393D, LM2903D	LM293D, LM393D, LM2903D	LM393D		LM393D, BA10393F
	TJ393GN	LM293P, LM393P, LM2903P	LM293N, LM393N, LM2903N	LM393		LM393, BA10393
	LM393GN	LM293P, LM393P, LM2903P	LM293N, LM393N, LM2903N	LM393		LM393, BA10393
	TJ339GD	LM339	LM239,LM339, MC3302	LM339		LM339, BA10339
	LM339GD	LM339	LM239,LM339, MC3302	LM339		LM339, BA10339
	LM339N	LM339	LM239,LM339, MC3302	LM339		LM339, BA10339

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Catalog	TAEJIN	TI	ON-SEMI	ST	MICROCHIP	ROHM
Operational Amplifier	LM358N	LM358N, LM258P	LM258N, LM358N, KA358, KA2904	LM258N		
	TJ358GD	LM258, LM358	LM258, LM358, KA258D, KA358D	LM358		LM358, BA10358
	TJ358GTD	LM358APW		LM358PT		LM358PT
	LM2904GD	LM2904D	LM2904D, KA358D	LM2904DT, LM358		LM358, BA10358
	LM4558D	RC4558, RC4558I		MC4558CD		BA4558Y
	TJ4558GD	RC4558, RC4558I		MC4558CD		BA4558Y
	TJ324GD	LM224, LM324	LM224, LM324	LM324		LM324, BA10324A
	LM324N	LM224, LM324	LM224, LM324	LM324		LM324, BA10324A
	LM2902	LM224, LM324	LM224, LM324	LM324		LM324, BA10324A
	OP07CD	OP07CD, OP07DD, OP07CPS, OP07DPS				
	OP07CN	OP07CP, OP07DP, OP07CPS, OP07DPS			OP07C, OP07CN	
	LM386D	LM386M, LM386MX,				
Darlington Transistor Array	ULN2003D	ULN2003ADxxx, ULQ2003ADxx	ULN2003ADR2G, ULQ2003ADR2G	ULN2003DD1013TR		BA12003DF-Z
	ULN2003AD	ULN2003ADxxx, ULQ2003ADxx	ULN2003ADR2G, ULQ2003ADR2G	ULN2003DD1013TR		BA12003DF-Z
Driver	CS8190N		CS8190ENF16G, CS4121ENF16			
	L293DN	L293DNE, L293NE		L293D, L293DD		
Voltage Reference	TL431x	TL431/2, TL1431	TL431, LM431	TL431x, TL432		
	TJ431x	TL431/2	TL431, LM431	TL432		
	LP431GxSF	ATL432	NCP431			
	LM431xSF	TL431, LM431		TL1431, TL431		
	TJR431xSF	TL431, LM431		TL1431, TL431		
	LPR431GxSF	ATL431	NCP432			
	TL432x	TLV431, LMV431, TLVH431	TLV431	TS432, TLVH431		
	LM336	LM336Z/BZ-x.x, LM136Z/BZ-2.5, LM236Z/BZ-2.5	LM336Z25, LM336Z5X	LM336Z, BZ, LM236Z		
	LM336D	LM336M, BM-x.x, LM136M, BM-x.x, LM236M, BM-x.x,		LM336D / DT, BD / BDT, LM236D/DT		
	LM385	LM385Z/BZ/BXZ/BYZ, LM185Z/BZ/BXZ/BYZ, LM285Z/BZ/BXZ/BYZ	LM385Z/BZ-x.x, LM185Z/BZ-x.x, LM285Z/BZ-x.x,			
	LM385D	LM385M/BM/BMX/BD, LM185M/BM/ BMX, LM285M/BM/BMX,	LM385D/BD-x.x, LM185D/BD-x.x, LM285D/BD-x.x,			

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Catalog	TAEJIN	TI	ON-SEMI	ST	MICROCHIP	ROHM
Logic IC	74HC00D	SN74HC00D, SN74HC00DB/NS/PW	74HC00DR2G, 74HC00DTR2G	M74HC00M1R / RM13TR, M74HC00TTR		
	74HC00N	SN74HC00N, SN74HC00DB/NS/PW	74HC00DTR2G	M74HC00B1R, M74HC00TTR		
	74HC04D	SN74HC04D, SN74HC04DB/NS/PW	74HC04DR2G, 74HC04DTR2G	M74HC04RM13R, M74HC04YRM13TR,		
	74HC04N	SN74HC04N, SN74HC04DB/NS/PW	74HC04DTR2G	M74HC04B1R, M74HC04TTR/YTTR		
	74HC14D	SN74HC14D, SN74HC14DB/NS/PW	74HC14DR2G, 74HC14DTR2G	M74HC14YRM13TR, M74HC04YTTR		
	74HC14N	SN74HC14N, SN74HC14DB/NS/PW	74HC14DTR2G	M74HC04YTTR		
	CD4066BD	CD4066BM/BM96/BM96E4/BM96G4	MC14016BDG/BDR2G, NMV14016BDR2G, 74HC4066ADR2G	M74HC4066M1R		BU4066BCF
	CD4066BN	CD4066BE/BEE4		M74HC4066B1R		BU4066BC
TVS-Array	SM05SF	TPD2E2U06	MMBZ6V8ALT1G	ESDA6V1L		
	SRV05-4SF6	TPD4E001DBVR	CM1224-04SO	ESDA6V1-5SC6		
Non-Synchronous DC/DC Converter	LM2575GDP-x.x	LM2574M-xx, LM2574N-xx, TL2575-xxIN, LM2575IN	LM2574DW-xx, LM2574N-xx, LM2575T-x.x, LM2575TV-x.x,	L6902D, A5970AD, L5970AD	LM2574-x.xXN, LM2575-x.xBN, / BWM / YN / YWM m MCP16301/H	BD90610EFJ-C
	LM2575GR-x.x	TL2575-xxIKTT, LM2575S-x.x, LM1575S-x.x, LM2595S-x.x	LM2575D2T-x.x, NCV2575D2T-xx		LM2575-x.xBU/WU, MIC4575-x.xBU	
	LM2575GT-x.x	TL2575-xxIKV, LM2575T-x.x, LM1575T-x.x, LM2595T-x.x	LM2575T-x.x, LM2575TV-x.x,		LM2575-x.xBT/WT, MIC4575-x.xBT	
	LM2576DP-x.x			L5972D	MIC4684BM/YM	BD9G401EFJ-M, BD90620EFJ-C
	LM2576R-x.x	LM2576S-x.x	LM2576D2T-x.x		LM2576-x.xBU/WU, MIC4576-x.xBU,	
	LM2576T-x.x	LM2576T-x.x,	LM2576T-x.x		LM2576-x.xBT/WT, MIC4576-x.xBT	
	LM2596DP-x.x	LM2594MX-x.x, LM2594N-x.x	LM2594D/PADJ	A5975D, L5987, L5973D		
	LM2596R-x.x	LM2596S-x.x, LM2595S-x.x,	LM2596DSADJG, LM2595DSADJG,		MIC4576-x.xBU	BD9701/2
	LM2596T-x.x	LM2596T-x.x, LM2595T-x.x,	LM2596TADJG, LM2595TADJG		MIC4576-x.xBT	BD9701/2
	LM2596GDP-x.x	LM2591HVT-x.x, LM2592HVT-x.x, LM2593HVT-x.x,				
	LM2596GR-x.x			L5973D		
	LM2596GT-x.x	LM2596R-x.x	LM2596DSADJG		MIC4576-x.xBU	BD9701/2
LM4576	LM2596T-x.x	LM2596TADJG		MIC4576-x.xBT	BD9701/2	
Step-Up DC/DC Converter	LM1501A/B	LM2596, LM2675-x.x, LM22678-x.x, LM2678D/S/T-x.x	LM2596	A5975D, A7986A, L5973D, L4976	MIC4576, MIC4684BM, MIC4680	BD9701/2, BD9G401EFJ-M, BD90640EFJ-C
	LM1937SF5	LM22678-x.x, LM2678D/S/T-x.x				BD90640EFJ-C
	LM1938SF6	TPS61041, LM27313, TPS61165			MIC2287	