

PORTABLE LOW POWER SYSTEMS

RECOMMENDED DEVICES

LOW DROP OUT VOLTAGE REGULATORS LD1117 SERIES: IOUT UP TO 800mA

Type	VOUT (V)
LD1117D	Adjustable Voltage
LD1117D25	2.5
LD1117D28	2.85
LD1117D30	3.3
LD1117D50	5.0

package available: SO-8, DPAK, SOT-223, TO-220

VERY LOW DROP VOLTAGE REGULATORS LExx SERIES: IOUT UP TO 500mA WITH INHIBIT CONTROL/DUMP @ 40V

Type	VOUT (V)
LF33	3.3
LF50	5.0
LF52	5.2
LF55	5.5
LF60	6.0
LF80	8.0

package available: SO-8, DPAK, TO-220, PENTAWATT

SEE MEMORY PRODUCTS SELECTOR FOR RECOMMENDED MEMORIES

PORTABLE LOW POWER SYSTEMS	
B	OTP Memory - 3.3V +/- 10% range
C	OTP Memory - 2.7V to 3.6V range
H	FLASH Memory - Dual supply 3.3V/12V
J	Serial EEPROM I2C Bus - 2 wire 100 KHz
K	Serial EEPROM I2C Bus - 2 wire 400 KHz
L	SPI bus - 2 Mhz
M	MICROWIRE bus - 1 Mhz
N	Dedicated EEPROM
O	Parallel EEPROM - 3V range
V	Very fast SRAM - 3.3V range
Y	Memories with MCU

VERY LOW DROP VOLTAGE REGULATORS LExx SERIES: IOUT UP TO 100mA WITH INHIBIT

Type	VOUT (V)
LE25	2.5
LE27	2.7
LE30	3.0
LE33	3.3
LE35	3.5
LE40	4.0
LE45	4.5
LE47	4.7
LE50	5.0
LE52	5.2
LE55	5.5
LE60	6.0
LE80	8.0

package available: SO-8, TO-92

VERY LOW DROP VOLTAGE REGULATORS LK115xx SERIES IOUT UP TO 100mA / Iq = 0.01µA IN OFF MODE

Type	VOUT (V)
LK115D20	2V
LK115D25	2.5
LK115D30	3
LK115D33	3.3
LK115D40	4
LK115D47	4.7
LK115D48	4.85
LK115D50	5
LK115D55	5.5

package: SO-8

LOW POWER CONSUMPTION OP-AMPS CMOS TECHNOLOGY

Type	Function
TS3V902	Dual Rail to Rail with standby
TS3V912	Dual Rail to Rail
TS3V904	Quad Rail to Rail Op. Amp. with Stand By
TS3V914	Quad Rail to Rail Op. Amp.
TS271	Single Op. Amp.
TS27L2	Dual/Low Supply Current
TS27M2	Dual/Medium Supply Current
TS272	Dual/High Speed
TS27L4	Quad/Low Supply Current
TS27M4	Quad/Medium Supply Current
TS274	Quad/High Speed

packages available: SO-8, SO-14, Dip-8, DIP-14

LOW POWER TIMERS/COMPARATORS

Type	Function
TS3V555	Single Timer
TS3V556	Dual Timer
TS3V393	Dual Comparator
TS3V3702	Dual Comp. Push-Pull Output
TS3V339	Quad Comparator
TS3V3704	Quad Comp. Push-Pull Output

packages available: DIP-8, DIP-14, SO-8, SO-14

PORTABLE LOW POWER SYSTEMS

RECOMMENDED DEVICES

LOW DROP POWER SCHOTTKY DIODES FOR SECONDARY RECTIFICATION / $V_R = 25V$, $V_F = 0.35V$ @ $T_{JMAX} = 125^\circ C$

Type	Current Ratings
STPS5L25B	1x5 A, DPAK, TO220AC
STPS10L25D	1x10 A TO-220AB, TO220AC
STPS15L25	1x15 A Power SO-10
STPS20L25CG	2x10 A, D ² PAK
STPS20L25CT	2x10 A TO-220AB

LOW DROP POWER SCHOTTKY DIODES FOR RECTIFICATION / $V_R = 10V$, $V_F = 0.30V$ @ $T_{JMAX} = 100^\circ C$

Type	Current Ratings
STPS15L10D	1x15 A, TO-220
STPS80L10TV	2x40 A, ISOTOP

PROTECTIONS

Type	Current Ratings
SMLVT3V3	Low Voltage Transil in SMD

packages available: CB417, SOD6

LOW VOLTAGE LOGIC: LVQ FAMILY

Type	Description	Package
74LVQ00	Quad 2-Input Nand Gate	SO14 / TSSOP14
74LVQ02	Quad 2-Input Nor Gate	SO14 / TSSOP14
74LVQ04	Hex Inverter	SO14 / TSSOP14
74LVQ08	Quad 2-Input and Gate	SO14 / TSSOP14
74LVQ14	Hex Schmitt Inverter	SO14 / TSSOP14
74LVQ32	Quad 2-Input or Gate	SO14 / TSSOP14
74LVQ86	Quad Exclusive or Gate	SO14 / TSSOP14
74LVQ125	Quad Bus Buffer (3-State)	SO14 / TSSOP14
74LVQ74	Dual D-Type Flip-Flop with Preset/Clear	SO14 / TSSOP14
74LVQ174	Hex Bus Buffer (3-State)	SO16 / TSSOP16
74LVQ273	Octal D-Type Flip-Flop with Clear	SO20 / TSSOP20
74LVQ374	Octal D-Type Flip-Flop (3-State)	SO20 / TSSOP20
74LVQ574	Octal D-Type Flip-Flop (3-State)	SO20 / TSSOP20
74LVQ373	Octal D-Type Latch (3-State/Inverting)	SO20 / TSSOP20
74LVQ573	Octal D-Type Latch (3-State)	SO20 / TSSOP20
74LVQ138	3 to 8 Line Decoder (Inverting)	SO16 / TSSOP16
74LVQ157	Quad 2-Channel Multiplexer	SO16 / TSSOP16
74LVQ4066	Quad Bilateral Switch	SO14 / TSSOP14
74LVQ240	Octal Bus Buffer (3-State/Inverting)	SO20 / TSSOP20
74LVQ241	Octal Bus Buffer (3-State)	SO20 / TSSOP20
74LVQ244	Octal Buffer (3-State)	SO20 / TSSOP20
74LVQ245	Octal Bus Transceiver (3-State)	SO20 / TSSOP20
74LVQ240HV*	Octal Bus Buffer (3-State/Inverting)	SO20 / TSSOP20
74LVQ241HV*	Octal Bus Buffer (3-State)	SO20 / TSSOP20
74LVQ244HV*	Octal Buffer (3-State)	SO20 / TSSOP20

* Supports 5V on Input