

CSDH10-100C

10A, 100V, Common Cathode Schottky Rectifier

Common Cathode Schottky Rectifier

DPAK



DPAK

Features:

- High Current ($I_O=10A$ total)
- Low forward voltage ($V_F=0.8V$ MAX @ 5.0A)
- Low leakage at high temperature ($I_R=20mA$ @ $T_J=100^\circ C$)

Benefits:

- Energy efficiency
- Elevated temperature performance
- Single, dual or parallel configurations

Applications:

- Solar by-pass diode
- DC-DC output rectification
- Reverse polarity protection



Actual Size in mm
10.0 x 6.8 x 2.75

Sample request link: www.centrasemi.com/info/CSDH10-100C

Product information link: www.centrasemi.com/product/CSDH10-100C

CFSH01-30L

30V, 100mA Low V_F Schottky Diode

Low V_F Schottky Diode

SOD-882L



SOD-882L

Features:

- Current ($I_O=100mA$)
- Low forward voltage drop ($V_F=0.30V$ TYP @ 10mA)
- Low leakage current ($I_R=800nA$ TYP @ 3.3V)

Benefits:

- Energy efficiency
- Space saving, low profile SOD-882L SMD package

Applications:

- DC-DC conversion
- Voltage clamping
- Circuit protection
- Battery power management



Actual Size in mm
1.05 x 0.65 x 0.4

Sample request link: www.centrasemi.com/info/CFSH01-30L

Product information link: www.centrasemi.com/product/CFSH01-30L

CMPDM202PH

20V, 2.3A P-Channel MOSFET

P-Channel MOSFET

SOT-23F



SOT-23F

Features:

- Low $r_{DS(ON)} = 0.064\Omega$ @ $V_{GS}=5.0V$
- High current $I_D=2.3A$
- Low gate charge $Q_{gs}=1.3nC$

Benefits:

- Energy efficiency
- 9% lower profile than the SOT-23 package
- Fast switching speed $t_{on}=15.2ns$

Applications:

- Load/Power switches
- Power supply converter circuits
- Battery powered portable equipment
- Motor control



Actual Size in mm
3.0 x 2.5 x 1.0

Sample request link: www.centrasemi.com/info/CMPDM202PH

Product information link: www.centrasemi.com/product/CMPDM202PH

CMPDM203NH

20V, 3.2A N-Channel MOSFET

N-Channel MOSFET

SOT-23F



SOT-23F

Features:

- Low $r_{DS(ON)} = 0.033\Omega$ @ $V_{GS}=4.5V$
- High current $I_D=3.2A$
- Low gate charge $Q_{gs}=0.8nC$

Benefits:

- Energy efficiency
- 9% lower profile than the SOT-23 package
- Fast switching speed $t_{on}=6.0ns$

Applications:

- Load/Power switches
- Power supply converter circuits
- Battery powered portable equipment
- Motor control



Actual Size in mm
3.0 x 2.5 x 1.0

Sample request link: www.centrasemi.com/info/CMPDM203NH

Product information link: www.centrasemi.com/product/CMPDM203NH

CMUDM7005 & CMUDM8005

20V, 650mA N-Channel and P-Channel MOSFETS

Dual, Complementary MOSFETS

SOT-523



SOT-523

Features:

- ESD protection up to 2kV
- Low gate charge
- $r_{DS(ON)}$ = N-Channel: 0.14Ω
P-Channel: 0.25Ω
- Low threshold voltage
- Logic level compatible

Benefits:

- Closely matched characteristics
- Energy efficiency
- Integrated transient protection

Applications:

- High speed pulsed amplifiers
- Load/Power switches
- Power supply converter circuits
- Power management
- Motor drives



Actual Size in mm
1.70 x 1.70 x 0.78

Sample request link: www.centrasemi.com/info/CMUDM

Product information link: www.centrasemi.com/product/CMUDM7005

CTLSH01-30

30V, 100mA Schottky Diode

Schottky Diode

TLM2D3D6



TLM2D3D6

Features:

- Forward current ($I_O=100mA$)
- Low forward voltage drop ($V_F=0.41V$ TYP @ 10mA)
- Low leakage current ($I_R=30nA$ TYP @ 10V)

Benefits:

- Energy efficiency
- Space saving, low profile package

Applications:

- DC-DC conversion
- Voltage clamping
- Circuit protection
- Battery power management



Actual Size in mm
0.65 x 0.35 x 0.32

Sample request link: www.centrasemi.com/info/CTLSH01-30

Product information link: www.centrasemi.com/product/CTLSH01-30