

Discrete Semiconductor Sample Kit

Low Power SMD

Central Semiconductor Sample Kits provide designers with the discrete semiconductors ideally suited for the latest design challenges. The Low Power SMD Sample Kit includes a variety of diodes and MOSFETs suitable for general purpose rectification, signal blocking, load switching and small signal amplification applications.



Included in this kit:

CMDSH-3 Schottky Diode 30V, 100mA $V_F = 0.8V$ SOD-323 Marking Code: S1	CMDSH2-3 Schottky Diode 30V, 200mA $V_F = 0.55V$ SOD-323 Marking Code: S2	CMDSH-4E Schottky Diode 40V, 200mA $V_F = 1.0V$ $t_{rr} = 5.0ns$ SOD-323 Marking Code: S1E	CMDSH2-4L Schottky Diode 40V, 200mA $V_F = 0.5V$ SOD-323 Marking Code: S2L	CMDSH05-4 Schottky Diode 40V, 500mA $V_F = 0.47V$ SOD-323 Marking Code: C55	CMSSH-3E Schottky Diode 40V, 200mA $V_F = 1.0V$ $t_{rr} = 5.0ns$ SOT-323 Marking Code: 31E
CMPD2836E Dual, Diodes Common Anode 120V, 200mA $V_F = 0.85V$, $t_{rr} = 4.0ns$ SOT-23 Marking Code: CA2E	CMPD2838E Dual, Diodes Common Cathode 120V, 200mA $V_F = 0.85V$, $t_{rr} = 4.0ns$ SOT-23 Marking Code: CA6E	CMPD914E Single Diode 120V, 250mA $V_F = 0.85V$ $t_{rr} = 4.0ns$ SOT-23 Marking Code: C5DE	CMPT3904E NPN Transistor 40V, 200mA $V_{CE(SAT)} = 0.2V$ $h_{FE} = 100 \text{ min./300 max.}$ SOT-23 Marking Code: C1AE	CMPT3906E PNP Transistor 40V, 200mA $V_{CE(SAT)} = 0.2V$ $h_{FE} = 100 \text{ min./300 max.}$ SOT-23 Marking Code: C2AE	CMPT2222AE NPN Transistor 45V, 600mA $h_{FE} = 100 \text{ min./300 max.}$ SOT-23 Marking Code: C1PE
CMPDM7002A N-Channel MOSFET 60V, 280mA $r_{DS(ON)} = 2.0\Omega$ SOT-23 Marking Code: C702A	CMPDM8002A P-Channel MOSFET 50V, 280mA $r_{DS(ON)} = 2.5\Omega$ SOT-23 Marking Code: C802A	CMPDM7120G N-Channel MOSFET 20V, 1.0A $r_{DS(ON)} = 0.1\Omega$ SOT-23 Marking Code: C71G	CMPDM8120 P-Channel MOSFET 20V, 0.86A $r_{DS(ON)} = 0.15\Omega$ SOT-23 Marking Code: C8120	CCLM0300 Current Limiting Diode $I_P = 0.31mA$ SOD-80 Marking Code: Black, Lt Blue, Orange	CCLM1000 Current Limiting Diode $I_P = 1.1mA$ SOD-80 Marking Code: Black, Green, Pink

Thank you for your interest in Central's products.

Datasheets for the devices contained in this sample kit can be found at:
www.centrasemi.com/engineering/samplekits

For a complete listing of products manufactured
by Central Semiconductor Corp., please visit
www.centrasemi.com

or call
631-435-1110

OUTSTANDING SUPPORT AND SUPERIOR SERVICES



PRODUCT SUPPORT

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- Inventory bonding
- Consolidated shipping options
- Custom bar coding for shipments
- Custom product packing

DESIGNER SUPPORT/SERVICES

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2nd day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities
- Special wafer diffusions
- PbSn plating options
- Package details
- Application notes
- Application and design sample kits
- Custom product and package development

REQUESTING PRODUCT PLATING

1. If requesting Tin/Lead plated devices, add the suffix "TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
2. If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

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