

Product Announcement

2019/July

Bridge Diode

COMCHIP P/N	Package	Specification
CSPB30K-HF/CSPB30M-HF	SPB	VRRM=800/1000V, IFSM=90A, IF=3A, VF=1V, IR=1uA,
CSPB40K-HF/CSPB40M-HF	SPB	VRRM=800/1000V, IFSM=135A, IF=4A, VF=1V, IR=1uA
CSPB40K-HF	SPB	VRRM=800V, IFSM=170A, IF=6A, VF=1V, IR=1uA

Switch Diode

COMCHIP P/N	Package	Specification
MMBD914-HF	SOT-23	IF=200mA, VRRM=75V, VF=1.25V, Trr=4ns, IR=30uA,

General Purpose Rectifiers (AECQ)

COMCHIP P/N	Package	Specification
AS1D-HF – AS1M-HF	SMA	IF=1A, VRRM=1000V, IFSM=30A, VF=1.1V, IR=5uA, SMA

Schottky Diode

COMCHIP P/N	Package	Specification
CDBQT140-HF	0402/DFN1006	IF=1A, VRRM=40V, IFSM=7A, VF=0.61V, IR=40uA,
CDBVRL140-HF	0603/DFN1608	IF=1A, VRRM=40V, IFSM=5A, VF=0.55V, IR=50uA,
CDBVRL240-HF	0603/DFN1608	IF=2A, VRRM=40V, IFSM=15A, VF=0.58V, IR=20uA,

MOSFET

COMCHIP P/N	Package	Specification
CMSBN4612-HF	CSPB1313-4	Dual N, PD=1.4W, VDS=22V, ID=2A, VGS=12V, RDSON=36mΩ,
CMSBN4615-HF	CSPB1515-4	Dual N, PD=1.5W, VDS=2(V, ID=7A, VGS=12V, RDSON=26mΩ ,
CMSBN4616-HF	CSPB1515-4	Dual N, PD=1.5W, VDS=15V, ID=8A, VGS=12V, RDSON=18mΩ ,
CMSBN6601-HF	CSPB2718-6	Dual N, PD=2W, VDS=20V, ID=13A, VGS=12V, RDSON=11.5mΩ

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Digital Transistor

COMCHIP P/N	Package	Specification
DTC113ZUA-HF	SOT-323	IC=100mA, Vin=-5 to +10, Io=100mA, R1/R2=1K/10K,
DTC114WUA-HF	SOT-323	IC=100mA, Vin=-10 to +30, Io=100mA, R1/R2=10K/4.7K
DTC114YUA-HF	SOT-323	IC=100mA, Vin=-6 to +40, Io=70mA, R1/R2=10K/47K
DTC123JUA-HF	SOT-323	IC=100mA, Vin=-5 to +12, Io=100mA, R1/R2=2.2K/47K
DTC123YUA-HF	SOT-323	IC=100mA, Vin=-5 to +12, Io=100mA, R1/R2=2.2K/10K
DTC143XUA-HF	SOT-323	IC=100mA, Vin=-7 to +20, Io=100mA, R1/R2=4.7K/10K
DTC143ZUA-HF	SOT-323	IC=100mA, Vin=-5 to +30, Io=100mA, R1/R2=4.7K/47K

ESD Diode

COMCHIP P/N	Package	Specification
CPDV3V0-HF~CPDV24V0-HF	SOD-323	Ppp=350W, VRWM=3~24V, Cj=0.8pF, IPP=8A
CPDV3V3A-HF	SOD-323	(Bi) Ppp=100W, VRWM=3.3V, VBR=4.2V, Cj=0.4pF
CPDH3V3-HF	SOD-523	(Bi) Ppp=350W VRWM=3.3V, VBR=4V, Cj=45pF,
CPDV5V0A-HF	SOD-323	(Bi) Ppp=400W, VRWM=5V, VBR=5.8V, Cj=40pF
CPDH5V0A-HF	SOD-523	(Bi) Ppp=400W, VRWM=5V, VBR=5.8V, Cj=40pF
CPDH2V5UB-HF	SOD-523	(Ui) Ppp=104W, VRWM=2.5V, VBR=4V, Cj=45pF
CPDH3V3UB-HF	SOD-523	(Ui) Ppp=105W, VRWM=5V, VBR=5V, Cj=105pF
CPDH5V0UB-HF	SOD-523	(Ui) Ppp=105W, VRWM=5V, VBR=6.2V, Cj=80pF
CPDH7V0UB-HF	SOD-523	(Ui) Ppp=105W, VRWM=7V, VBR=7.5V, Cj=65pF
CPDH12V0UB-HF	SOD-523	(Ui) Ppp=105W, VRWM=12V, VBR=14.1V, Cj=45pF
CPDH24V0UB-HF	SOD-523	(Ui) Ppp=35W, VRWM=24V, VBR=26V, Cj=50pF
CPDH36V0U-HF	SOD-523	(Ui) Ppp=55W, VRWM=36V, VBR=40V, Cj=28pF