

## Product Announcement 2023/DEC

### ESD Diode

COMCHIP P/N	Package	Specification
CPDV6-5V0UP-HF	SOT-363	$P_{PP}=65W$ , $V_{RWM}=5V$ , $C_j=0.6pF$ , Uni-directional
CPDWZ24VMSBPA-HF	CSP0603-2L	$P_{PP}=28W$ , $V_{RWM}=24V$ , $C_j=0.5pF$ , Bi-directional

### MOSFET

COMCHIP P/N	Package	Specification
BSS138ESW-HF	SOT-323	N-CH , $P_D=0.26W$ , $V_{DS}=50V$ , $I_D=0.36A$ , $V_{GS}=\pm 20V$
CMS25NN06H8-HF	PDFN5x6-8LC	Dual N-CH , $P_D=33W$ , $V_{DS}=60V$ , $I_D=25A$ , $V_{GS}=\pm 20V$

### Schottky

COMCHIP P/N	Package	Specification
CDBUC140L-HF	0603	$I_{F(AV)}=1A$ , $V_F@1A<0.56V$ , $V_R=40V$ , $I_R@40V<40uA$
SS24HE-HF Thru. SS220HE-HF	SOD-123HE	$I_{F(AV)}=2A$ , $V_F@2A<0.55-0.95V$ , $V_R=40-200V$ , $I_R@V_{RRM}<500uA$
SS34HE-HF Thru. SS320HE-HF	SOD-123HE	$I_{F(AV)}=3A$ , $V_F@2A<0.55-0.95V$ , $V_R=40-200V$ , $I_R@V_{RRM}<500uA$

### Switching Diode

COMCHIP P/N	Package	Specification
BAS16T-HF	SOT-523	$V_{RRM}=85V$ , $I_F=155mA$ , $V_F=1.25V$ , $I_R=1uA$ , $T_{rr}=4ns$
DAN202U-HF	SOT-323	$V_{RRM}=80V$ , $I_F=100mA$ , $V_F=1.2V$ , $I_R=0.1uA$ , $T_{rr}=4ns$

### ESD Diode (AEC-Q101)

COMCHIP P/N	Package	Specification
AGBLC03C-HF Thru. AGBLC24C-HF	SOD-323	$P_{PP}=350W$ , $V_{RWM}=3.3-24V$ , $C_j=19-56pF$ , Bi-directional

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### MOSFET (AEC-Q101)

COMCHIP P/N	Package	Specification
ABSS138ESW-HF	SOT-323	N-CH , $P_D=0.26W$ , $V_{DS}=50V$ , $I_D=0.36A$ , $V_{GS}=\pm 20V$
ACMS25NN06H8-HF	PDFN5x6-8LC	Dual N-CH , $P_D=33W$ , $V_{DS}=60V$ , $I_D=25A$ , $V_{GS}=\pm 20V$

### Schottky (AEC-Q101)

COMCHIP P/N	Package	Specification
ACDBUC140L-HF	0603	$I_{F(AV)}=1A$ , $V_F@1A<0.56V$ , $V_R=40V$ , $I_R@40V<40\mu A$

### Switching Diode (AEC-Q101)

COMCHIP P/N	Package	Specification
ABAS16T-HF	SOT-523	$V_{RRM}=85V$ , $I_F=155mA$ , $V_F=1.25V$ , $I_R=1\mu A$ , $T_{rr}=4ns$
ADAN202U-HF	SOT-323	$V_{RRM}=80V$ , $I_F=100mA$ , $V_F=1.2V$ , $I_R=0.1\mu A$ , $T_{rr}=4ns$

### Transistor (AEC-Q101)

COMCHIP P/N	Package	Specification
ABC846AT-HF Thru. ABC848CT-HF	SOT-523	NPN , $V_{CEO}=30-65V$ , $I_C=0.1A$ , $hFE=110(\text{min})$
ABC846AW-HF Thru. ABC848CW-HF	SOT-323	NPN , $V_{CEO}=30-65V$ , $I_C=0.1A$ , $hFE=110(\text{min})$
ABCP56/56-16-HF	SOT-223	NPN , $V_{CEO}=80V$ , $I_C=1A$ , $hFE=40(\text{min})$
ABCP54/54-16-HF	SOT-223	NPN , $V_{CEO}=45V$ , $I_C=1A$ , $hFE=40(\text{min})$
APZT2222A-HF	SOT-223	NPN , $V_{CEO}=40V$ , $I_C=0.6A$ , $hFE=100(\text{min})$
APZT2907A-HF	SOT-223	PNP , $V_{CEO}=-60V$ , $I_C=-0.6A$ , $hFE=100(\text{min})$
AUMD3N-HF	SOT-363	NPN+PNP , $V_{CC}=50V$ , $I_C=0.05A$ , $R1=10k\Omega$ , $R2=10k\Omega$

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### PIN Diode (AEC-Q101)

COMCHIP P/N	Package	Specification
ABAP51-04W-HF	SOT-323	$P_D=0.24W$ , $V_R=60V$ , $R_D@1mA<6.5\Omega$ , $I_R@50V<0.1\mu A$

### Zener (AEC-Q101)

COMCHIP P/N	Package	Specification
AMMSZ5226AS-HF Thru. AMMSZ5263AS-HF	SOD-323	$P_D=200mW$ , $V_Z=3.3V-56V$ , TOL=2%