

Product Announcement

2023/OCT

ESD Diode

COMCHIP P/N	Package	Specification
CPDUC12VEU-HF	0603	$P_{PP}=120W$, $V_{RWM}=12V$, $C_j=54pF$, Uni-directional
CPDQ5V0SBP-HF	DFN1006-2L	$P_{PP}=80W$, $V_{RWM}=5V$, $C_j=0.45pF$, Bi-directional
CPDWL3V3ACP-HF	01005	$P_{PP}=66W$, $V_{RWM}=3.3V$, $C_j=0.28pF$, Bi-directional
CPDWZ5V0SBPA-HF	CSP0603-2L	$P_{PP}=75W$, $V_{RWM}=5V$, $C_j=0.48pF$, Bi-directional
CPDQ5V0SBPA-HF	DFN1006-2L	$P_{PP}=35W$, $V_{RWM}=5V$, $C_j=1.2pF$, Bi-directional
CPDWL3V3HT-HF	01005	$P_{PP}=117W$, $V_{RWM}=3.3V$, $C_j=14pF$, Bi-directional

ESD Array

COMCHIP P/N	Package	Specification
SM712-HF	SOT-23	$P_{PP}=325W$, $V_{RWM}=12/7V$, $C_j=30pF$, Bi-directional
CPDR3-5V0UB-HF	SOT-723	$P_{PP}=90W$, $V_{RWM}=5V$, $C_j=1.2pF$, Uni-directional
CPDVR105V0UESP-HF	DFN2510-10L	$P_{PP}=60W$, $V_{RWM}=5V$, $C_j=0.2pF$, Uni-directional

MOSFET

COMCHIP P/N	Package	Specification
CMS08NN10H8-HF	PDFN5x6-8L	Dual N-CH , $P_D=16W$, $V_{DS}=100V$, $I_D=8A$, $V_{GS}=\pm 20V$
CMS01N60Y-HF	SOT-223	N-CH , $P_D=20W$, $V_{DS}=600V$, $I_D=1A$, $V_{GS}=\pm 30V$
CMS80N06-HF	TO-220AB	N-CH , $P_D=112W$, $V_{DS}=60V$, $I_D=80A$, $V_{GS}=\pm 20V$
CMS04P06Y-HF	SOT-223	P-CH , $P_D=3.1W$, $V_{DS}=-60V$, $I_D=-4A$, $V_{GS}=\pm 20V$

Zener

COMCHIP P/N	Package	Specification
CZRUC2V4B-HF Thru. CZRUC39VB-HF	0603	$P_D=150mW$, $V_Z=2.4V-39V$, $TOL=2.5\%$
MMSZ5226AS-HF Thru. MMSZ5263AS-HF	SOD-323	$P_D=150mW$, $V_Z=3.3V-56V$, $TOL=2\%$

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Bridge

COMCHIP P/N	Package	Specification
DF15005S-HF Thru. DF1510S-HF	DFS	$V_R=50-1000V$, $I_O=1.5A$, $V_F@1A<1V$, $I_R@V_R<2\mu A$
DF2005S-HF Thru. DF210S-HF	DFS	$V_R=50-200V$, $I_O=2A$, $V_F@2A<1V$, $I_R@V_R<2\mu A$

Schottky

COMCHIP P/N	Package	Specification
CDBWLZ140L-HF	01005	$I_F=1A$, $V_F@1A<0.8V$, $V_R=40V$, $I_R@40V<50\mu A$
MBR540D-HF Thru. MBR5200D-HF	TO-252	$I_F=5A$, $V_F@5A<0.6-0.92V$, $V_R=40-200V$, $I_R@V_R<0.5mA$
RB501V-40-HF	SOD-323	$I_F=0.1A$, $V_F@0.1A<0.55V$, $V_R=40V$, $I_R@10V<30\mu A$
RB521S-40-HF	SOD-523	$I_F=0.2A$, $V_F@0.2A<0.59V$, $V_R=40V$, $I_R@30V<5\mu A$
RB520S-40-HF	SOD-523	$I_F=0.1A$, $V_F@0.1A<0.55V$, $V_R=40V$, $I_R@10V<1\mu A$

MOSFET (AEC-Q101)

COMCHIP P/N	Package	Specification
ACMS68N04H8-HF	PDFN5x6-8L	N-CH , $P_D=50W$, $V_{DS}=40V$, $I_D=68A$, $V_{GS}=\pm 20V$
ACMS35N10D2-HF	TO-263	N-CH , $P_D=71W$, $V_{DS}=100V$, $I_D=35A$, $V_{GS}=\pm 20V$

Switching Diode (AEC-Q101)

COMCHIP P/N	Package	Specification
ABAW56DW-HF	SOT-363	$V_{RRM}=75V$, $I_F=150mA$, $V_F=1.25V$, $I_R=1\mu A$, $T_{rr}=4ns$