

# Product Announcement

## 2023/SEP

### ESD Diode

COMCHIP P/N	Package	Specification
CPDWL5V0ACP-HF	01005	$P_{PP}=108W$ , $V_{RWM}=5V$ , $C_j=0.42pF$ , Bi-directional
CPDWL5V0HT-HF	01005	$P_{PP}=117W$ , $V_{RWM}=5V$ , $C_j=14pF$ , Bi-directional
CPDZ5V0SB-HF	DFN0603-2L	$P_{PP}=152W$ , $V_{RWM}=5V$ , $C_j=0.5pF$ , Bi-directional

### MOSFET

COMCHIP P/N	Package	Specification
CMS40N04V8-HF	PDFN3x3-8L	N-CH , $P_D=25W$ , $V_{DS}=40V$ , $I_D=40A$ , $V_{GS}=\pm 20V$
CMS52N04V8-HF	PDFN3x3-8L	N-CH , $P_D=20W$ , $V_{DS}=40V$ , $I_D=52A$ , $V_{GS}=\pm 20V$

### Transistor

COMCHIP P/N	Package	Specification
2SA2184-HF	TO-252	PNP , $V_{CEO}=-450V$ , $I_C=-1A$ , $hFE=80-300$

### Zener

COMCHIP P/N	Package	Specification
CZRUC52C2-HF Thru. CZRUC52C39-HF	0603	$P_D=150mW$ , $V_Z=2V-39V$ , $TOL=5\%$

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### MOSFET (AEC-Q101)

COMCHIP P/N	Package	Specification
ACMS40N04V8-HF	PDFN3x3-8L	N-CH , $P_D=25W$ , $V_{DS}=40V$ , $I_D=40A$ , $V_{GS}=\pm 20V$
ACMS52N04V8-HF	PDFN3x3-8L	N-CH , $P_D=20W$ , $V_{DS}=40V$ , $I_D=52A$ , $V_{GS}=\pm 20V$
ACMS49P04H8-HF	PDFN5x6-8L	P-CH , $P_D=50W$ , $V_{DS}=-40V$ , $I_D=-49A$ , $V_{GS}=\pm 20V$

### Transistor (AEC-101)

COMCHIP P/N	Package	Specification
AEMH11-HF	SOT-563	NPN+NPN , $V_{CC}=50V$ , $I_C=0.1A$ , $R1=10k\Omega$ , $R1/R2=0.8-1.2$

### Zener (AEC-101)

COMCHIP P/N	Package	Specification
AMMSZ4678-HF Thru. AMMSZ4717-HF	SOD-123	$P_D=500mW$ , $V_Z=1.8V-43V$ , $TOL=5\%$

### Switching Diode (AEC-Q101)

COMCHIP P/N	Package	Specification
ABAS16TW-HF	SOT-363	$V_{RRM}=100V$ , $I_F=150mA$ , $V_F=1.25V$ , $I_R=1\mu A$ , $T_{rr}=4ns$