

## DISCRETE COMPONENTS

PRODUCT	DESCRIPTION	PACKAGE	According to CECC 50000
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## BIPOLAR POWER TRANSISTORS

<b>BUT 90</b>	$V_{CEO(sus)} = 125V$	$I_C = 50A$		■
<b>BUT 91</b>	$V_{CEO(sus)} = 200V$	$I_C = 50A$		■
<b>BUT 92</b>	$V_{CEO(sus)} = 250V$	$I_C = 50A$		■
<b>BUT 92A</b>	$V_{CEO(sus)} = 300V$	$I_C = 50A$	TO3 modified*	■
<b>BUT 100</b>	$V_{CEO(sus)} = 125V$	$I_C = 50A$		■
<b>BUT 102</b>	$V_{CEO(sus)} = 300V$	$I_C = 50A$		■
<b>BUV 18</b>	$V_{CEO(sus)} = 60V$	$I_C = 50A$	TO3 modified*	■
<b>BUV 19</b>	$V_{CEO(sus)} = 80V$	$I_C = 50A$	TO3 modified*	■
<b>BUV 26</b>	$V_{CEO(sus)} = 90V$	$I_C = 14A$	TO220	■
<b>BUV 28</b>	$V_{CEO(sus)} = 200V$	$I_C = 10A$	TO220	■
<b>BUV 39</b>	$V_{CEO(sus)} = 90V$	$I_C = 25A$	TO3	■
<b>BUV 40</b>	$V_{CEO(sus)} = 125V$	$I_C = 20A$	TO3	■
<b>BUV 41</b>	$V_{CEO(sus)} = 200V$	$I_C = 15A$	TO3	■
<b>BUV 42</b>	$V_{CEO(sus)} = 250V$	$I_C = 12A$	TO3	■
<b>BUV 42A</b>	$V_{CEO(sus)} = 300V$	$I_C = 12A$	TO3	■
<b>BUV 50</b>	$V_{CEO(sus)} = 125V$	$I_C = 25A$	TO3	■
<b>BUV 51</b>	$V_{CEO(sus)} = 200V$	$I_C = 20A$	TO3	■
<b>BUV 52</b>	$V_{CEO(sus)} = 250V$	$I_C = 20A$	TO3	■
<b>BUV 52A</b>	$V_{CEO(sus)} = 300V$	$I_C = 20A$	TO3	■
<b>BUV 60</b>	$V_{CEO(sus)} = 125V$	$I_C = 50A$	TO3 modified*	■
<b>BUV 61</b>	$V_{CEO(sus)} = 200V$	$I_C = 50A$	TO3 modified*	■
<b>BUV 62</b>	$V_{CEO(sus)} = 250V$	$I_C = 40A$	TO3 modified*	■
<b>BUV 62A</b>	$V_{CEO(sus)} = 300V$	$I_C = 40A$	TO3 modified*	■
<b>BUW 38</b>	$V_{CEO(sus)} = 60V$	$I_C = 30A$		■
<b>BUW 39</b>	$V_{CEO(sus)} = 80V$	$I_C = 30A$	TO3 modified*	■
<b>BUX 10</b>	$V_{CEO(sus)} = 125V$	$I_C = 25A$	TO3	■
<b>BUX 11</b>	$V_{CEO(sus)} = 200V$	$I_C = 20A$	TO3	■
<b>BUX 12</b>	$V_{CEO(sus)} = 250V$	$I_C = 20A$	TO3	■
<b>BUX 20</b>	$V_{CEO(sus)} = 125V$	$I_C = 50A$	TO3 modified*	■
<b>BUX 21</b>	$V_{CEO(sus)} = 200V$	$I_C = 40A$	TO3 modified*	■
<b>BUX 22</b>	$V_{CEO(sus)} = 250V$	$I_C = 40A$	TO3 modified*	■
<b>BUX 23</b>	$V_{CEO(sus)} = 325V$	$I_C = 30A$	TO3 modified*	■
<b>BUX 24</b>	$V_{CEO(sus)} = 400V$	$I_C = 20A$	TO3 modified*	■
<b>BUX 47</b>	$V_{CEO(sus)} = 400V$	$I_C = 9A$	TO3	■
<b>BUX 47A</b>	$V_{CEO(sus)} = 450V$	$I_C = 9A$	TO3	■

\* 1.5 mm pin diameter.

■ Available.

# DISCRETE COMPONENTS

PRODUCT	DESCRIPTION	PACKAGE	MILTEMP	According to CECC 50000
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## BIPOLAR POWER TRANSISTORS (Continued)

<b>BUX 48</b>	$V_{CEO(sus)} = 850\text{ V}$ $I_C = 15\text{ A}$	TO 3		■
<b>BUX 48 A</b>	$V_{CEO(sus)} = 1000\text{ V}$ $I_C = 15\text{ A}$	TO 3		■
<b>BUX 48 C</b>	$V_{CEO(sus)} = 700\text{ V}$ $I_C = 15\text{ A}$	TO 3		■
<b>BUX 98</b>	$V_{CEO(sus)} = 400\text{ V}$ $I_C = 30\text{ A}$	TO 3		■
<b>BUX 98 A</b>	$V_{CEO(sus)} = 450\text{ V}$ $I_C = 30\text{ A}$	TO 3		■
<b>BUX 98 C</b>	$V_{CEO(sus)} = 700\text{ V}$ $I_C = 30\text{ A}$	TO 3		■
<b>BUX 348 A</b>	$V_{CEO(sus)} = 450\text{ V}$ $I_C = 35\text{ A}$	TO 3 modified*		■
<b>2N 6671</b>	$V_{CEO(sus)} = 300\text{ V}$ $I_C = 8\text{ A}$	TO 3		■
<b>2N 6672</b>	$V_{CEO(sus)} = 350\text{ V}$ $I_C = 8\text{ A}$		■	
<b>2N 6673</b>	$V_{CEO(sus)} = 400\text{ V}$ $I_C = 8\text{ A}$		■	
<b>2N 6674</b>	$V_{CEO(sus)} = 300\text{ V}$ $I_C = 15\text{ A}$		■	
<b>2N 6675</b>	$V_{CEO(sus)} = 450\text{ V}$ $I_C = 15\text{ A}$		■	
<b>2N 6676</b>	$V_{CEO(sus)} = 300\text{ V}$ $I_C = 15\text{ A}$		■	
<b>2N 6677</b>	$V_{CEO(sus)} = 350\text{ V}$ $I_C = 15\text{ A}$		■	
<b>2N 6678</b>	$V_{CEO(sus)} = 400\text{ V}$ $I_C = 15\text{ A}$		■	
<b>TIP 42 C</b>	$V_{CEO(sus)} = 100\text{ V}$ $I_C = 3\text{ A}$	TO 257	■	

\* 1.5 mm pin diameter.

## MOS POWER TRANSISTORS

<b>IRFY 120</b>	$V_{DS} = 100\text{ V}$ $R_{DS(on) max} = 0.31\ \Omega$ $I_D = 7.3\text{ A}$	TO 257 (TO 220 metal package)		■
<b>IRFY 130</b>	$V_{DS} = 100\text{ V}$ $R_{DS(on) max} = 0.19\ \Omega$ $I_D = 10.8\text{ A}$		■	
<b>IRFY 140</b>	$V_{DS} = 100\text{ V}$ $R_{DS(on) max} = 0.092\ \Omega$ $I_D = 18.4\text{ A}$		■	
<b>IRFY 220</b>	$V_{DS} = 200\text{ V}$ $R_{DS(on) max} = 0.8\ \Omega$ $I_D = 4.3\text{ A}$		■	
<b>IRFY 230</b>	$V_{DS} = 200\text{ V}$ $R_{DS(on) max} = 0.4\ \Omega$ $I_D = 7\text{ A}$		□	
<b>IRFY 240</b>	$V_{DS} = 200\text{ V}$ $R_{DS(on) max} = 0.19\ \Omega$ $I_D = 12.4\text{ A}$		□	
<b>IRFY 320</b>	$V_{DS} = 400\text{ V}$ $R_{DS(on) max} = 1.8\ \Omega$ $I_D = 2.7\text{ A}$		■	
<b>IRFY 330</b>	$V_{DS} = 400\text{ V}$ $R_{DS(on) max} = 1.0\ \Omega$ $I_D = 4.3\text{ A}$		■	
<b>IRFY 420</b>	$V_{DS} = 500\text{ V}$ $R_{DS(on) max} = 3.0\ \Omega$ $I_D = 2.0\text{ A}$		■	
<b>IRFY 430</b>	$V_{DS} = 500\text{ V}$ $R_{DS(on) max} = 1.5\ \Omega$ $I_D = 3.5\text{ A}$		■	
<b>IRFY 440</b>	$V_{DS} = 500\text{ V}$ $R_{DS(on) max} = 0.85\ \Omega$ $I_D = 5.5\text{ A}$		□	
<b>IRFM 150</b>	$V_{DS} = 100\text{ V}$ $R_{DS(on) max} = 0.065\ \Omega$ $I_D = 25\text{ A}$	TO 254	□	
<b>IRFM 350</b>	$V_{DS} = 400\text{ V}$ $R_{DS(on) max} = 0.31\ \Omega$ $I_D = 14\text{ A}$		□	
<b>IRFM 450</b>	$V_{DS} = 500\text{ V}$ $R_{DS(on) max} = 0.40\ \Omega$ $I_D = 11\text{ A}$		□	

■ Available.

□ To be introduced.