

### PWM DOUBLE ENDED SWITCHING CONTROLLERS

| DEVICE SERIES | OUTPUT CURRENT (A) | DIE DIMENSIONS (MILS) |
|---------------|--------------------|-----------------------|
| C LAS 3840    | 2 x 0.2            | 105 x 100             |

### PWM SINGLE ENDED SWITCHING CONTROLLERS

| DEVICE SERIES   | OUTPUT CURRENT (A) | DIE DIMENSIONS (MILS) |
|-----------------|--------------------|-----------------------|
| C LAS 4082/4182 | 0.1                | 162 x 92              |
| C LAS 4030/4031 | 0.2                | 149 x 74              |

### CENTER TAP DUAL RECTIFIERS

| DEVICE SERIES | VOLTAGE OPTIONS | OUTPUT CURRENT |         | DIE DIMENSIONS (MILS) |
|---------------|-----------------|----------------|---------|-----------------------|
|               |                 | NON-REP PK (A) | AVG (A) |                       |
| C PMR 27K     | 100V 200V       | 250            | 15      | 160 x 160             |
| C PMR 31K     | 100V 200V       | 250            | 15      | 160 x 160             |
| C PMR 35K     | 100V 200V       | 300            | 30      | 195 x 195             |
| C PMR 36K     | 100V 200V       | 300            | 30      | 195 x 195             |

### ULTRAFAST RECTIFIERS

| DEVICE SERIES | V <sub>RWM</sub> (V) | I <sub>F</sub> (AV)<br>(A @ T <sub>C</sub> = 25°C) | t <sub>rr</sub> (NS) | V <sub>F</sub><br>(V @ 25°C) | DIE DIMENSIONS (MILS) |
|---------------|----------------------|----------------------------------------------------|----------------------|------------------------------|-----------------------|
| C SUR 805     | 50                   | 8                                                  | 35                   | .975 @ 8A                    | 84 x 84               |
| C SUR 810     | 100                  | 8                                                  | 35                   | .975 @ 8A                    | 84 x 84               |
| C SUR 815     | 150                  | 8                                                  | 35                   | .975 @ 8A                    | 84 x 84               |
| C SUR 820     | 200                  | 8                                                  | 35                   | .975 @ 8A                    | 84 x 84               |
| C SUR 1605    | 50                   | 16                                                 | 35                   | 1.1 @ 16A                    | 120 x 120             |
| C SUR 1610    | 100                  | 16                                                 | 35                   | 1.1 @ 16A                    | 120 x 120             |
| C SUR 1615    | 150                  | 16                                                 | 35                   | 1.1 @ 16A                    | 120 x 120             |
| C SUR 1620    | 200                  | 16                                                 | 35                   | 1.1 @ 16A                    | 120 x 120             |

### SYNCHRONOUS RECTIFIERS

| DEVICE SERIES | V <sub>CE</sub> /V <sub>ECS</sub><br>Volts | I <sub>F</sub><br>Amps | R <sub>CE</sub> (ON)<br>mΩ | I <sub>ERM</sub><br>Amps | DIE DIMENSIONS (MILS) |
|---------------|--------------------------------------------|------------------------|----------------------------|--------------------------|-----------------------|
| CSBS 421      | 50/40                                      | 20                     | 14                         | 60                       | 149 x 136             |

SELECTION GUIDE