

Power ICs

100V/200V Automatic Voltage Selection Hybrid IC

| Part No. | V _{DRM} [V] | I _{T(RMS)} [A] | V _{S(DC)} [V] | V _{C(DC)} [V] | V _{UL(DC)} [V] | Rectification | T _{stg} [°C] | T _{op} [°C] | Outline | |
|----------|-------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------|--------------------------|-------------------------|---------|--|
| | | | | | | | | | Fig. | |
| MK1110 | 500 | 10 | 90 | 208 | — | — | -30~125 | -10~100 | 84 | |
| MK1210 | | | | | 25 | Provided | | | | |

Rush Current Suppression Hybrid IC

| Part No. | V _{RM} [V] | I _o [A] | | V _{RRM} [V] | | I _{FSM} [A] | θ _{ja} [°C/W] | θ _{jc} [°C/W] | T _{stg} [°C] | T _j [°C] | Outline | |
|----------|------------------------|-----------------------|---------|-------------------------|---------|-------------------------|---------------------------|---------------------------|--------------------------|------------------------|---------|--|
| | | 100V AC | 200V AC | 100V AC | 200V AC | | | | | | Fig. | |
| MJ2400 | 600 | 1.7 | 3.4 | 200 | 400 | 80 | 27 | 2.9 | -40~150 | 150 | 85 | |

Surface Acoustic Wave Filters

[Features]

1. A non-adjusting high performance filter suitable for new media products used in satellite broadcasting, CATV, etc.
2. Lita 03, LiNbO₃ and liquid crystal are used as piezoelectric materials, and are suitable for a wide range of applications.

| Part No. | Frequency [MHz] | Amplitude Gain (-3dB) [MHz] | Ripple [dB] | Insertion Loss [dB] | Outline | | |
|-------------|--------------------|--------------------------------|----------------|------------------------|---------|------|-----|
| | | | | | Package | Fig. | |
| MSF-07025BE | 70 | 25 | ±0.15 | 29 | — | 101 | |
| MSF-07038DE | | 38 | | | | | |
| MSF-12014AF | 120 | 14 | ±0.2 | 25 | | | |
| MSF-13025BF | 130 | 25 | ±0.1 | 23 | | | |
| MSF-13416AF | 134 | 16 | ±0.4 | 25 | | | |
| MSF-14027AI | 140 | 27 | ±0.2 | 24 | | | |
| MSF-40327AF | 402.78 | | | 20 | | | |
| MSF-40340BF | | | | | | | |
| MSF-64035AF | 640 | 35 | ±0.15 | 23 | | | 103 |
| MSF-65550BF | 655 | 50 | | 30 | | | |