

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 O3, 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 | | 40 | ±0.15 | 23 | | |
| MSF-64035AF | 640 | 35 | | | | |
| MSF-65550BF | 655 | 50 | | 30 | | |