

STRW6556A absolute maximum ratings:

- (1) Control Supply Voltage, VCC: 35 V
- (2) Drain-Source Voltage, VDSS: 650 V
- (3) Drain Switching Current, ID: 15 A
- (4) Peak Drain Switching Current, IDM: 15 A
- (5) Single-Pulse Avalanche Energy, EAS: 400 mJ
- (6) OCP/BD Voltage Range, VOCP:  $\diamond$ 1.5 V to +5 V
- (7) FB Input Current, IFB: 10 mA
- (8) FB Voltage Range, VFP:  $\diamond$ 0.5 V to +9 V
- (9) Package Power Dissipation, PD: 0.8 W
- (10) MOSFET Channel Temp., TJ : +150 °C
- (11) Internal Frame Temp., TF: +115°C
- (12) Operating Temperature Range, TA: -20°C to +115°C
- (13) Storage Temperature Range, TS: -40°C to +125°C