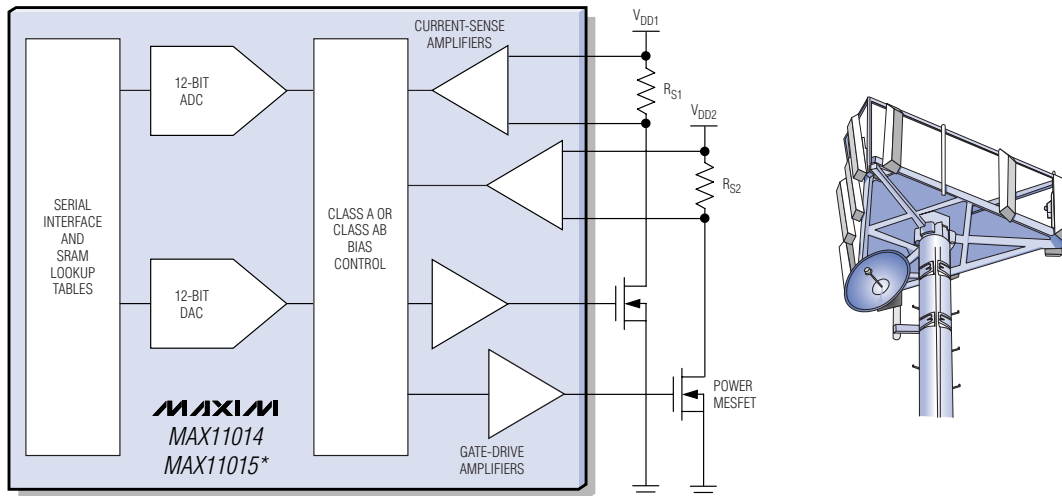


WORLD'S FIRST INTEGRATED MESFET BIAS CONTROLLER

Dual MESFET Bias Control for Class A and Class AB Amplifiers



- ◆ Drain-Current Adjustment Independent of MESFET Drain Supply
- ◆ SRAM-Based Lookup Tables for Temperature and Drain-Current Compensation Control
- ◆ $\pm 0.1\%$ Current-Sense Amplifier Accuracy
- ◆ Low $250\text{nV}/\sqrt{\text{Hz}}$ Gate-Bias Noise
- ◆ $\pm 10\text{mA}$ Gate Drive with Fast Clamp Protection
- ◆ Internal Temperature Sensor/Dual Remote-Diode Temperature Sensors
- ◆ Internal 12-Bit ADC and 12-Bit DAC
- ◆ Selectable I²C[‡]/SPI™-Compatible Serial Interface

Part	Temp Range (°C)	Bias Mode	Common-Mode, Sense-Resistor Voltage Range (V)	Package
MAX11014BGTM+	-40 to +105	Class A	0.5 to 11	48-TQFN
MAX11015BGTM+*	-40 to +105	Class AB	5 to 32	48-TQFN

+ = Lead-free

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*Future product—contact factory for availability.



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