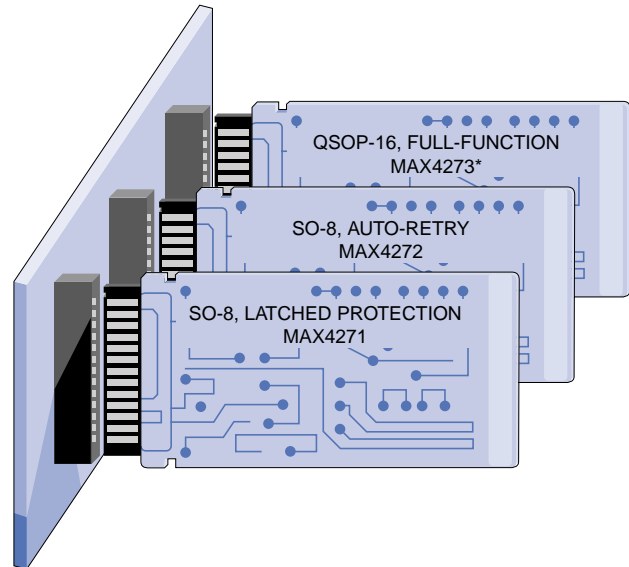


# COMPLETE HOT-SWAP FAMILY INTEGRATES 10 KEY FEATURES

## Dual Speed/BiLevel Current-Limiting Architecture Delivers Most Reliable Hot-Swap Solution

1. Simplify Current Inrush Limit Design with Integrated Current-Limiting Scheme
2. Fast Startup Protects FET from Thermal Overload
3. Integrated Overcurrent/Short-Circuit Protection
4. DualSpeed/BiLevel Feature Eliminates False Trips Due to Current Glitches
5. 15V Abs. Max. Rating Increases Reliability, Offers Extra Protection Against Inductive Kickbacks When the Linecard Is Unplugged
6. Integrated Startup Timer Debounces Card Insertion
7. Integrated Auto-Retry Scheme Allows Local Fault Management, Simplifies System Design
8. Short-Circuit Switchover Allows Reliable Operation in the Event of a Short-Circuit Condition
9. Power-On Reset
10. Integrated STATUS Output Simplifies Fault Management



PART	OPERATING VOLTAGE RANGE (V)	ABS MAX RATING (V)	FAULT RECOVERY	UNCOMMITTED COMP + REF	SHORT-CIRCUIT SWITCHOVER	RETRY PERIOD	PIN-PACKAGE
MAX4271	2.7 to 13.2	15	Latched	—	—	—	8-SO
MAX4272	2.7 to 13.2	15	Auto-Retry	—	—	Adjustable	8-SO
MAX4273	2.7 to 13.2	15	Programmable	Yes	Yes	Adjustable	16-QSOP

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