

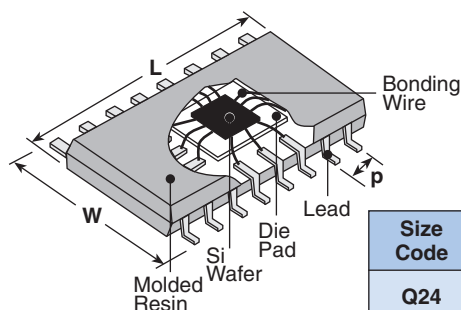
features

- 9 RC termination circuits per package
- ESD protection
- Thin film ultra stable circuit elements

applications

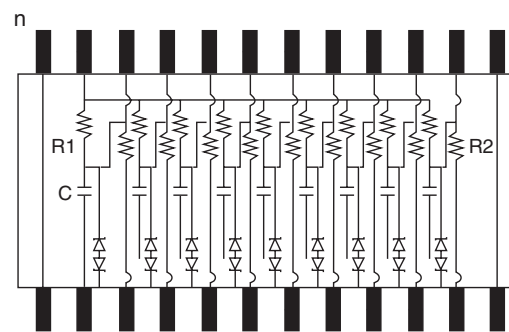
- Bi-directional I/O
- EMI/RFI filter
- I/O operating > 20MHz

dimensions and construction



Size Code	Dimensions inches (mm)		
	L	W	p
Q24	.341 (8.66)	.236 (5.99)	.025 (0.635)

circuit schematic



1
n = number of pins (24)

ordering information

New Part #	AAB	Q24	T	TEB
	Type	Package Symbol	Termination Material	Packaging
	AAA AAB AAC AAD	Package type symbol + number of pins QSOP: Q24	T: Sn L: SnPb	TEB: 13" embossed plastic tape

applications and ratings

Part Designation	Power Rating @ 70°C (Resistor)	Power Rating @ 70°C (Package)	Resistor Tolerance	T.C.R. (ppm/°C)	Capacitor Tolerance	Diode Breakdown Voltage	ESD Withstanding Voltage (HMB)	Operating Temperature Range
AA(X)	100mW	1W	±10%	±200	±20%	±6V	±8kV	-55°C to +125°C

standard circuit elements

Product Code	R1	R2	C
AAA	1.0KΩ	33Ω	180pF
AAB	2.2KΩ	33Ω	220pF
AAC	4.7KΩ	10Ω	180pF
AAD	4.7KΩ	33Ω	180pF

For further information on packaging, please refer to Appendix C.

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before you order and/or use.

7/29/05