Thin Film Resistor Networks







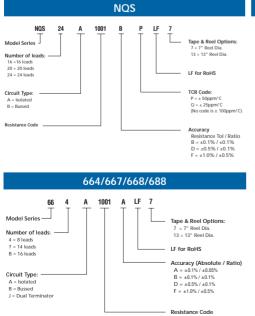


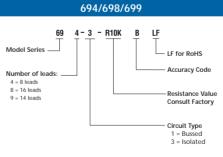
Ultra Precision Thin Film - Ceramic

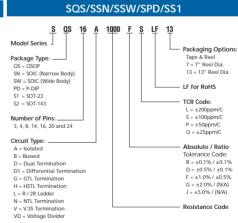
Model				
Number of Leads				
Available Circuit Type				
Dimensions, Inches				
Body Length, Maximum				
Height Off Board, Maximum				
Body Style/Width				
Resistance				
Range, Ohms				
Tolerance (%)				
Temp. Coefficient, ppm/°C				
Temp. Coefficient Tracking, ppm/°C				
Power Rating, Watts at 70°C				
Per Resistor				
Per Package				
Packaging Options				
Tubes				
Tape & Reel: 7"				
Tape & Reel: 13"				
Vial				

NQS	664/667/668	688	694/698/699
16/20/24	8/14/16	16	8/16/14
A, B	A, B	A, B	-3, -1
0.196/0.344/0.344	0.196/0.344/0.393	0.413	0.375/0.760/0.760
0.068	0.068	0.104	0.2
(QSOP) 0.157	(SOICN) 0.157	(SOICW) 0.300	(PDIP) 0.300
10 to 140K	10 to 275K	10 to 275K	10 to 275K
±0.1	±0.1	±0.1	±0.1
±25	±25	±25	±25
±5	±5	±5	±5
0.1	0.1	0.1	0.1
NQS16 = 0.8	664 = 0.4	1	694 = 0.4
NQS20/24 = 1.0	667/668 = 0.8		698/699 = 0.6
NQS20/24 = 56	664 = 100	50	694 = 50
NQS16 = 100	667/668 = 50		698/699 = 25
1000	664 = 1000	500	
	667/668 = 500		
2500	2500	1500	

Ordering Information













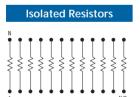




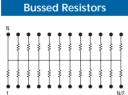
Precision	Thin	Film	- Silicon

SQS	SSN	SSW	SPD	SS1
16,20,24	8,14,16	16,18,20	8,14,16	3
A, B, D, D1, G, H, L, N, V	A, B, D, D1, L, N, V	A, B, D, D1, L, V	A, B, L	VD
0.196/0.344/0.344	0.196/0.344/0.393	0.406/0.459/0.506	0.375/0.760/0.760	0.119
0.068	0.068	0.104	0.2	0.044
(QSOP) 0.157	(SOICN) 0.157	(SOICW) 0.300	(PDIP) 0.300	(SOT23) 0.096
10 to 250k	10 to 250k	10 to 250k	10 to 250k	1k to 50k
±0.1	±0.1	±0.1	±0.1	±0.1
±25	±25	±25	±25	±25
±5	±5	±5	±5	±5
0.1	0.1	0.1	0.1	0.1
SQS16 = 0.8	SSN8 = 0.4	1.0	SPD8 = 0.4	0.2
SQS20/24 = 1.0	SSN14/16 = 0.8		SPD14/16 = 0.6	
SQS16 = 100 SQS20/SQS24 = 50	SSN8 = 100 SSN14/SSN16 = 50	50	SPD8 = 50 SPD14/SPD16 = 25	
1000	SSN8 = 1000	500	51 0 14/51 0 10 - 25	
1000	SSN14/16 = 500	500		
2500	2500	1500		
				500

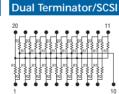
Schematics



Resistance Code: First 3 digits are significant. Fourth digit denotes number of trailing zeros.

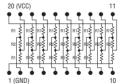


Resistance Code: First 3 digits are significant. Fourth digit denotes number of trailing zeros.

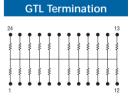


Resistance Code (R1/R2w): 01 = 220/330

Differential Ended SCSI Termination



Resistance Code (R1/R2/R1 \mbox{W}): 01 = 330/150/330

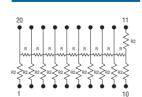


Resistance Code: First 3 digits are significant. Fourth digit denotes number of trailing zeros.

HSTL Termination

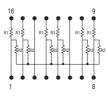
Resistance Code (R1/R2w): 01 = 94/94, 02 = 100/100, 03 = 112/112, 04 = 136/136

R/2R Ladder



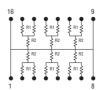
Resistance Codes w : 01 = 25k/50k, 02 = 10k/20k, 03 = 50k/100k

NTL Termination



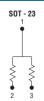
Resistance Codes (R1/R2w):

V.35 Termination



Resistance Codes (R1/R2w): 01 = 50/125

Voltage Divider



Consult Factory for resistance codes.