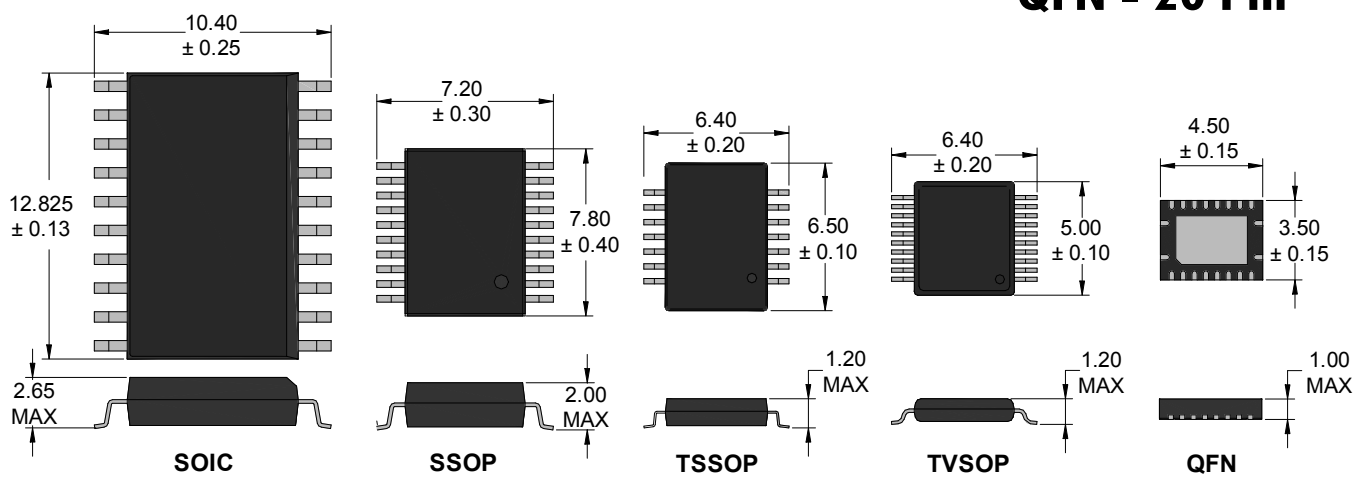


Quad Flat No-Lead (QFN) Package Comparison Tables

www.ti.com/sc/rd/qfn

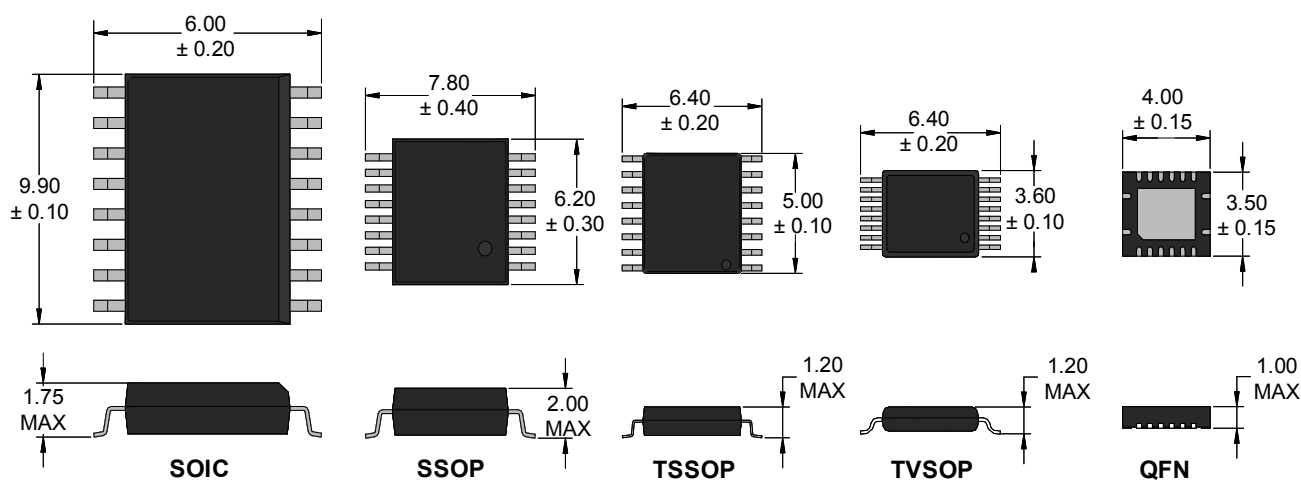
QFN - 20 Pin



	SOIC-20 (DW)	SSOP-20 (DB)	TSSOP-20 (PW)	TVSOP-20 (DGV)	QFN-20 (RGY)
Length (mm)	12.825 ± 0.13	7.20 ± 0.30	6.50 ± 0.10	5.00 ± 0.10	4.50 ± 0.15
Width (mm)	10.40 ± 0.25	7.80 ± 0.40	6.40 ± 0.20	6.40 ± 0.20	3.50 ± 0.15
Max. Height (mm)	2.65	2.00	1.20	1.20	1.00
Pitch (mm)	0.50	0.50	0.50	0.40	0.50
Footprint Area (mm ²)	133.33	56.16	41.60	32.00	15.75
QFN Area Savings %	88.19	71.96	62.14	50.78	NA
Weight (g)	0.495	0.151	0.075	0.055	0.043
Theta Ja (C/W)	57.7	69.50	83.00	91.90	37.31
Avg. Resistance (Ohm)	0.038	0.040	0.050	0.044	0.043
Avg. Inductance (nH)	5.012	3.495	2.808	2.561	1.178
Avg. Capacitance (pF)	0.717	0.420	0.317	0.342	0.252

Dimensions in mm. Theta Ja: high K and 0 LPM (JESD-51-5)

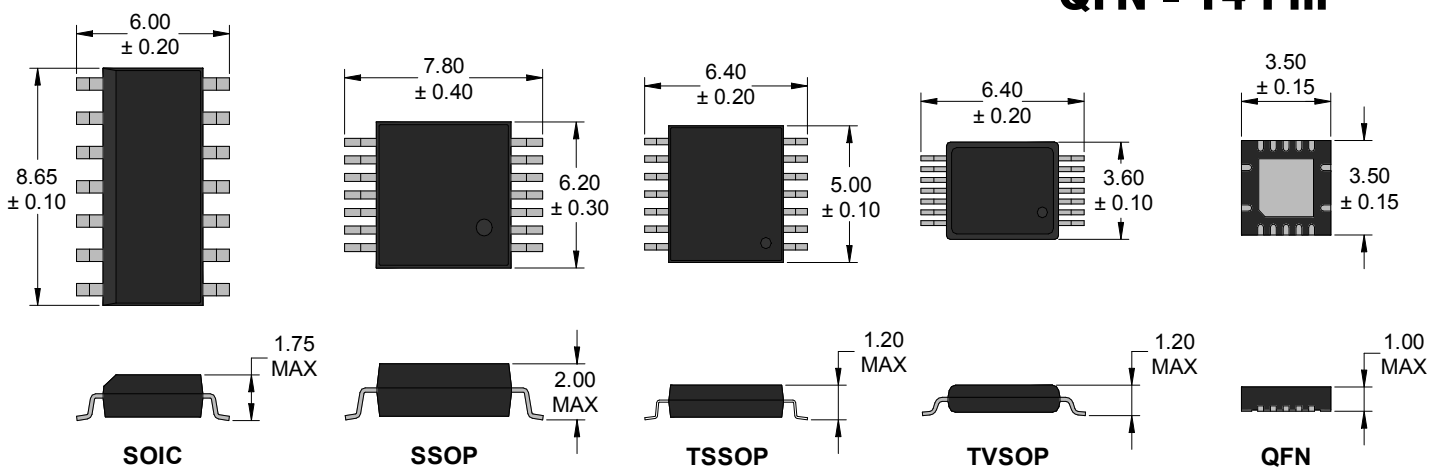
QFN - 16 Pin



	SOIC-16 (D)	SSOP-16 (DB)	TSSOP-16 (PW)	TVSOP-16 (DGV)	QFN-16 (RGY)
Length (mm)	9.90 ± 0.10	6.20 ± 0.30	5.00 ± 0.10	3.60 ± 0.10	4.00 ± 0.15
Width (mm)	6.00 ± 0.20	7.80 ± 0.40	6.40 ± 0.20	6.40 ± 0.20	3.50 ± 0.15
Max. Height (mm)	1.75	2.00	1.20	1.20	1.00
Pitch (mm)	0.50	0.50	0.50	0.40	0.50
Footprint Area (mm ²)	59.40	48.36	32.00	23.04	14.00
QFN Area Savings %	76.43	71.05	56.25	39.24	NA
Weight (g)	0.150	0.140	0.062	0.040	0.036
Theta Ja (C/W)	73.10	82.00	108.40	119.80	38.66
Avg. Resistance (Ohm)	0.039	0.048	0.045	0.039	0.030
Avg. Inductance (nH)	3.453	3.536	2.593	2.543	0.818
Avg. Capacitance (pF)	0.521	0.376	0.281	0.386	0.236

Dimensions in mm. Theta Ja: high K and 0 LPM (JESD-51-5)

QFN - 14 Pin



	SOIC-14 (D)	SSOP-14 (DB)	TSSOP-14 (PW)	TVSOP-14 (DGV)	QFN-14 (RGY)
Length (mm)	8.65 ± 0.10	6.20 ± 0.30	5.00 ± 0.10	3.60 ± 0.10	3.50 ± 0.15
Width (mm)	6.00 ± 0.20	7.80 ± 0.40	6.40 ± 0.20	6.40 ± 0.20	3.50 ± 0.15
Max. Height (mm)	1.75	2.00	1.20	1.20	1.00
Pitch (mm)	0.5	0.50	0.50	0.40	0.50
Footprint Area (mm ²)	51.90	48.36	32.00	23.04	12.25
QFN Area Savings %	76.40	74.67	61.72	46.83	NA
Weight (g)	0.127	0.122	0.055	0.040	0.032
Theta Ja (C/W)	86.20	95.80	112.60	127.10	47.29
Avg. Resistance (Ohm)	0.031	0.044	0.032	0.035	0.029
Avg. Inductance (nH)	3.109	3.551	2.378	2.499	0.791
Avg. Capacitance (pF)	0.473	0.402	0.314	0.361	0.226

Dimensions in mm. Theta Ja: high K and 0 LPM (JESD-51-5)