

TAPE AND REEL INFORMATION



*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Reel Diameter (mm)	Reel Width W1 (mm)	A0 (mm)	B0 (mm)	K0 (mm)	P1 (mm)	W (mm)	Pin1 Quadrant
F28384DPTPQR	HLQFP	PTP	176	200	330.0	44.4	26.6	26.6	2.2	36.0	44.0	Q2
F28384DZWTQR	NFBGA	ZWT	337	1000	330.0	24.4	16.35	16.35	2.35	20.0	24.0	Q1
F28384SPTPQR	HLQFP	PTP	176	200	330.0	44.4	26.6	26.6	2.2	36.0	44.0	Q2
F28386DPTPQR	HLQFP	PTP	176	200	330.0	44.4	26.6	26.6	2.2	36.0	44.0	Q2
F28386DZWTQR	NFBGA	ZWT	337	1000	330.0	24.4	16.35	16.35	2.35	20.0	24.0	Q1
F28386SPTPQR	HLQFP	PTP	176	200	330.0	44.4	26.6	26.6	2.2	36.0	44.0	Q2
F28388DPTPSR	HLQFP	PTP	176	200	330.0	44.4	26.6	26.6	2.2	36.0	44.0	Q2
F28388DZWTSR	NFBGA	ZWT	337	1000	330.0	24.4	16.35	16.35	2.35	20.0	24.0	Q1
F28388SPTPSR	HLQFP	PTP	176	200	330.0	44.4	26.6	26.6	2.2	36.0	44.0	Q2
F28388SZWTSR	NFBGA	ZWT	337	1000	330.0	24.4	16.35	16.35	2.35	20.0	24.0	Q1

TAPE AND REEL BOX DIMENSIONS



*All dimensions are nominal

Device	Package Type	Package Drawing	Pins	SPQ	Length (mm)	Width (mm)	Height (mm)
F28384DPTPQR	HLQFP	PTP	176	200	367.0	367.0	67.0
F28384DZWTQR	NFBGA	ZWT	337	1000	336.6	336.6	41.3
F28384SPTPQR	HLQFP	PTP	176	200	367.0	367.0	67.0
F28386DPTPQR	HLQFP	PTP	176	200	367.0	367.0	67.0
F28386DZWTQR	NFBGA	ZWT	337	1000	336.6	336.6	41.3
F28386SPTPQR	HLQFP	PTP	176	200	367.0	367.0	67.0
F28388DPTPSR	HLQFP	PTP	176	200	367.0	367.0	67.0
F28388DZWTSR	NFBGA	ZWT	337	1000	336.6	336.6	41.3
F28388SPTPSR	HLQFP	PTP	176	200	367.0	367.0	67.0
F28388SZWTSR	NFBGA	ZWT	337	1000	336.6	336.6	41.3

TRAY


Chamfer on Tray corner indicates Pin 1 orientation of packed units.

*All dimensions are nominal

Device	Package Name	Package Type	Pins	SPQ	Unit array matrix	Max temperature (°C)	L (mm)	W (mm)	K0 (μm)	P1 (mm)	CL (mm)	CW (mm)
F28384DPTPS	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28384DPTPS.A	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28384DPTPS.B	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28384DZWTS	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28384DZWTS.A	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28384DZWTS.B	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28384SPTPS	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28384SPTPS.A	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28384SPTPS.B	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28384SZWTS	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28384SZWTS.A	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28384SZWTS.B	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28386DPTPQ	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28386DPTPQ.A	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28386DPTPQ.B	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28386DPTPS	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28386DPTPS.A	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7

Device	Package Name	Package Type	Pins	SPQ	Unit array matrix	Max temperature (°C)	L (mm)	W (mm)	K0 (µm)	P1 (mm)	CL (mm)	CW (mm)
F28386DPTPS.B	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28386DZWTQ	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28386DZWTQ.A	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28386DZWTQ.B	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28386DZWTS	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28386DZWTS.A	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28386DZWTS.B	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28386SPTPS	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28386SPTPS.A	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28386SPTPS.B	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28386SZWTS	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28386SZWTS.A	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28386SZWTS.B	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28388DPTPS	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28388DPTPS.A	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28388DPTPS.B	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28388DZWTS	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28388DZWTS.A	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28388DZWTS.B	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28388SPTPS	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28388SPTPS.A	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28388SPTPS.B	PTP	HLQFP	176	40	4x10	150	315	135.9	7620	20.7	30.4	20.7
F28388SZWTS	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28388SZWTS.A	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45
F28388SZWTS.B	ZWT	NFBGA	337	90	6 X 15	150	315	135.9	7620	20	17.5	15.45