FPT-144P-M03
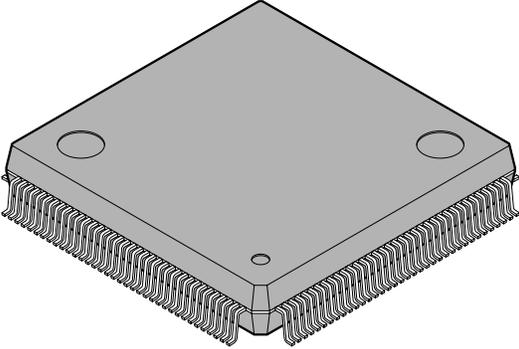
144-pin plastic QFP	Lead pitch	0.50 mm
	Package width × package length	20.0 × 20.0 mm
	Lead shape	Gullwing
	Sealing method	Plastic mold
	Mounting height	3.85 mm MAX
	Weight	2.60g
(FPT-144P-M03)	Code (Reference)	P-FQFP144-20×20-0.50

144-pin plastic QFP
(FPT-144P-M03)

Note 1) ∗ : These dimensions do not include resin protrusion.
Note 2) Pins width and pins thickness include plating thickness.
Note 3) Pins width do not include tie bar cutting remainder.

22.60±0.20(.890±.008)SQ
∗20.00±0.10(.787±.004)SQ

108   73
109   72

INDEX

144   37

LEAD No. 1   36

0.50(.020)

0.22±0.05
(.009±.002) $\oplus$ 0.08(.003) Ⓜ

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0.145±0.055
(.006±.002)

$\square$ 0.08(.003)

Details of "A" part
3.53 $^{+0.32}_{-0.20}$ (Mounting height)
(.139 $^{+.013}_{-.008}$)

0.20 $^{+0.10}_{-0.15}$
(.008 $^{+.004}_{-.006}$)
(Stand off)

0˚~8˚

0.25(.010)

0.50±0.20
(.020±.008)
0.60±0.15
(.024±.006)

"A"

Dimensions in mm (inches).
Note: The values in parentheses are reference values.