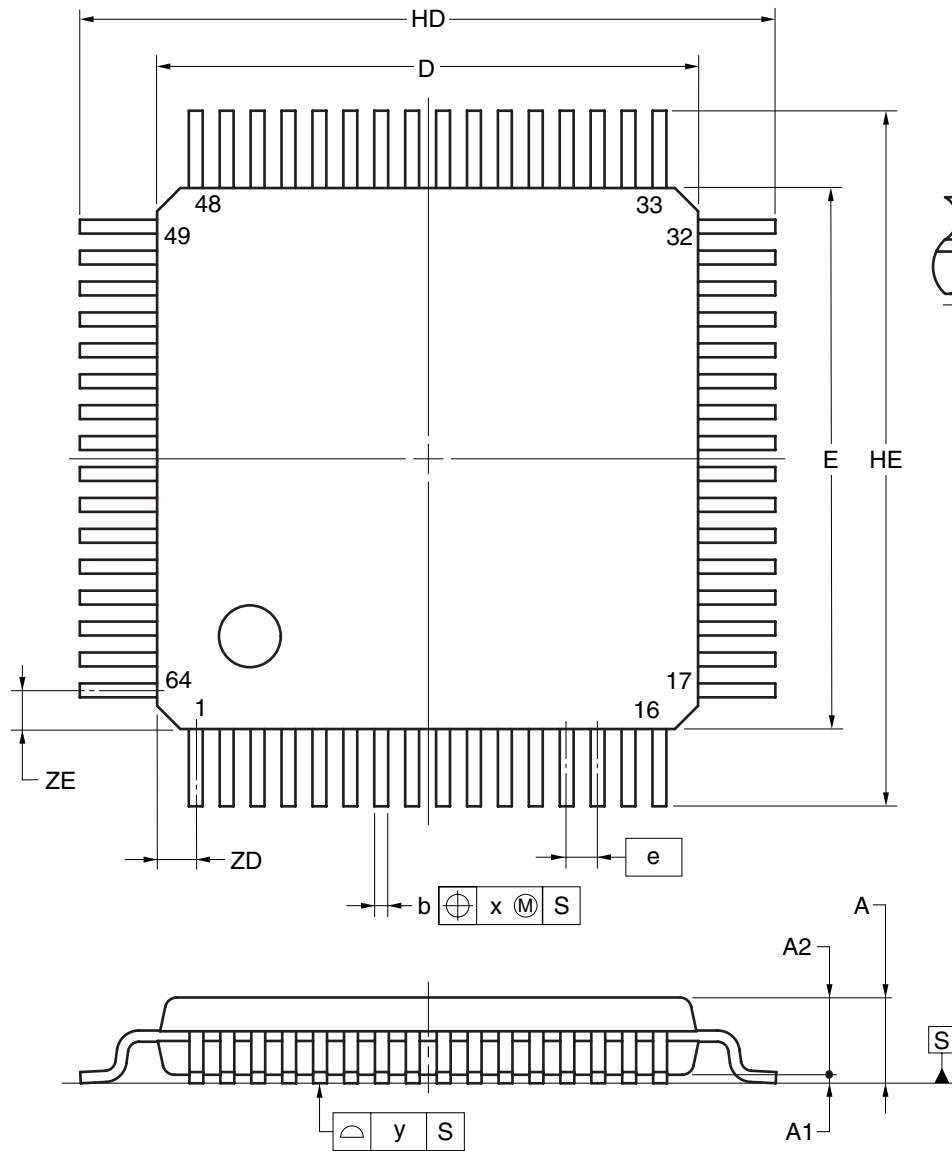


# 64-PIN PLASTIC TQFP (FINE PITCH) (7x7)



detail of lead end

(UNIT:mm)

ITEM	DIMENSIONS
D	7.00±0.20
E	7.00±0.20
HD	9.00±0.20
HE	9.00±0.20
A	1.20 MAX.
A1	0.10±0.05
A2	1.00±0.05
A3	0.25
b	0.16 <sup>+0.07</sup> <sub>-0.03</sub>
c	0.125 <sup>+0.075</sup> <sub>-0.025</sub>
L	0.50
Lp	0.60±0.15
L1	1.00±0.20
θ	3° <sup>+5°</sup> <sub>-3°</sub>
e	0.40
x	0.07
y	0.08
ZD	0.50
ZE	0.50

**P64GA-40-HAB**

**NOTE**  
 Each lead centerline is located within 0.07mm of its true position at maximum material condition.