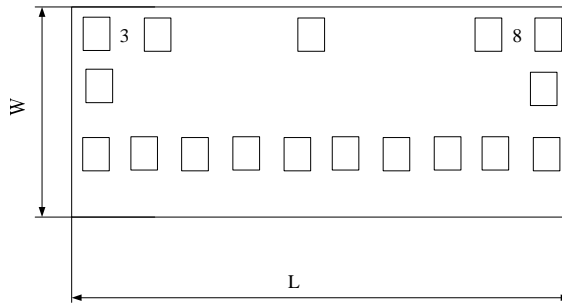


➤ **Product feature ver1.0**

- 1, 38 decoding chip, it can achieve the decoding function 3-8
- 2, Input signal and TTL/CMOS compatible
- 3, Excellent drive power
- 4, High speed, low power dissipation

➤ **Product description**

WQD0006H is a 3—8 decoding chip, it can achieve the decoding function 3-8, input/output level and TTL/CMOS compatible, it has features like low power dissipation, high speed and convenient in using.



L=1.85mm, W=0.75mm

Min pressure point:0.10mm×0.10mm, chip thickness:0.35mm.

➤ **Typical electronic feature (at 25°C)**

Feature <sup>1</sup>	Frequency	Min	Max	Unit
Deducting delay (input50%~output50%)	DC-20MHz		15	ns
Shutting delay (input50%~output50%)	DC-20MHz		15	ns
Upedge (10%~90%)	DC-20MHz		10	ns
Downedge (10%~90%)	DC-20MHz		10	ns
High output level	DC-20MHz	4.5		V
Low output level	DC-20MHz		0.5	V
Static current			100	uA

1. Condition: VDD=5V, idle load output.

➤ **Truth table**

INPUT			OUTPUT							
INC	INB	INA	OUT1	OUT2	OUT3	OUT4	OUT5	OUT6	OUT7	OUT8
0	0	0	0	1	1	1	1	1	1	1
0	0	1	1	0	1	1	1	1	1	1
0	1	0	1	1	0	1	1	1	1	1
0	1	1	1	1	1	0	1	1	1	1
1	0	0	1	1	1	1	0	1	1	1
1	0	1	1	1	1	1	1	0	1	1
1	1	0	1	1	1	1	1	1	0	1
1	1	1	1	1	1	1	1	1	1	0

➤ **Chip outline**

