

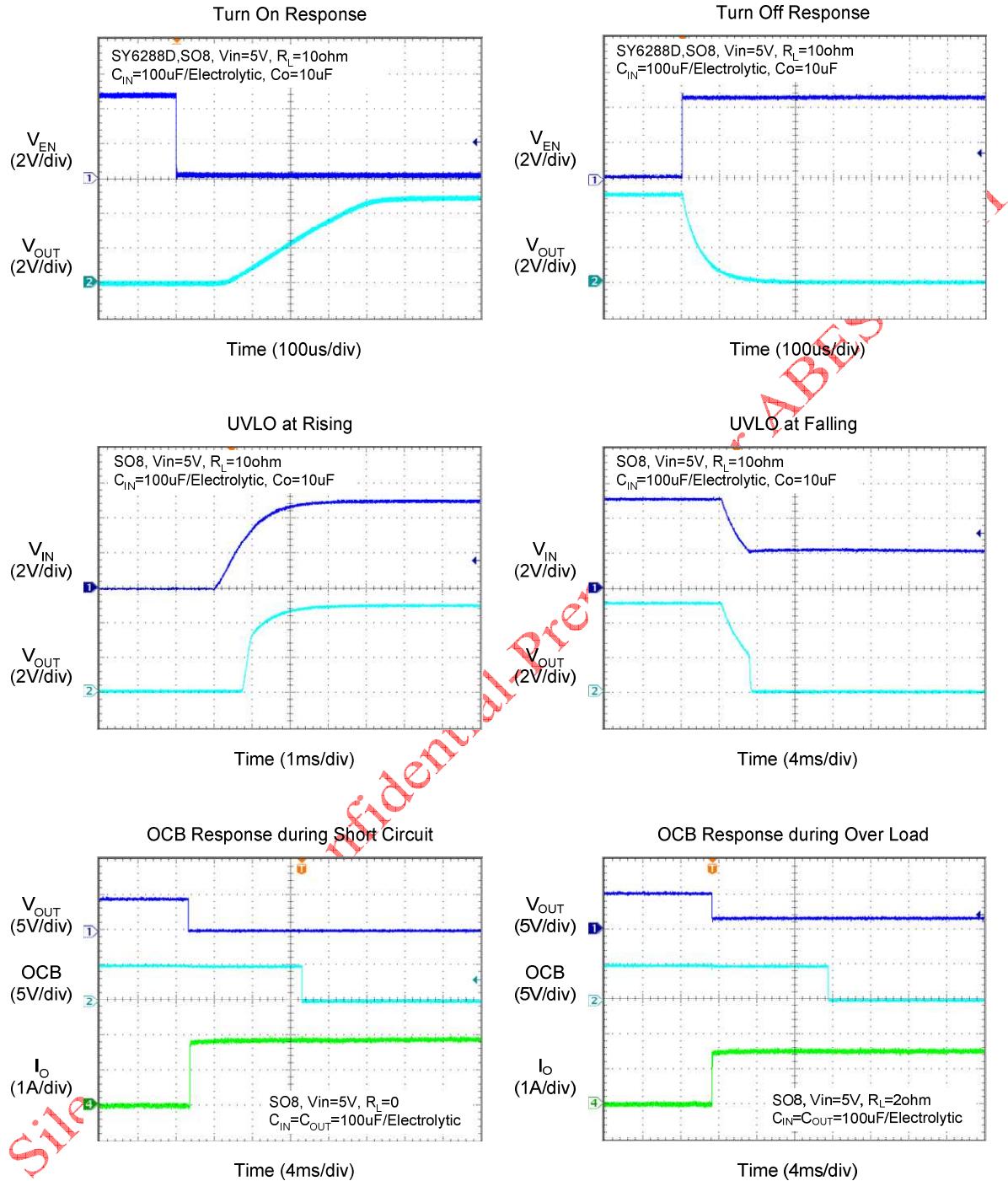


Absolute Maximum Ratings (Note 1)

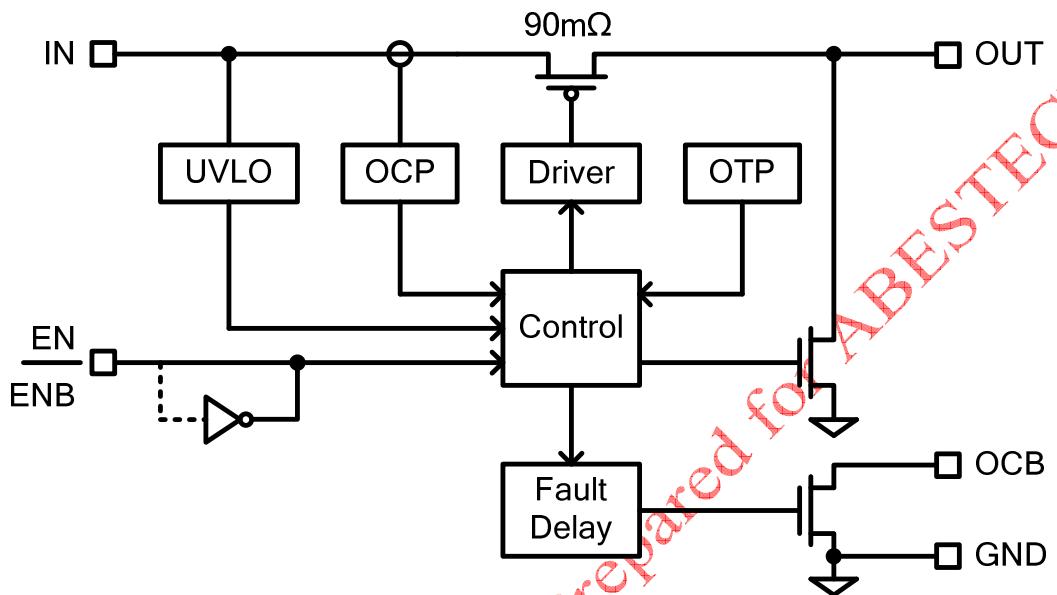
All pins -----	6V
Power Dissipation, P_D @ $T_A = 25^\circ\text{C}$ SOT23-5/MSOP8/SO8-----	0.4/0.5/0.65W
Package Thermal Resistance (Note 2)	
SOT23-5/MSOP8/SO8, θ_{JA} -----	250/150/90°C/W
SOT23-5/MSOP8/SO8, θ_{JC} -----	130/ 65/ 45°C/W
Junction Temperature Range -----	150°C
Lead Temperature (Soldering, 10 sec.) -----	260°C
Storage Temperature Range -----	-65°C to 150°C
ESD Susceptibility (Note 2)	
HBM (Human Body Mode) -----	2kV
MM (Machine Mode) -----	200V

Recommended Operating Conditions (Note 3)

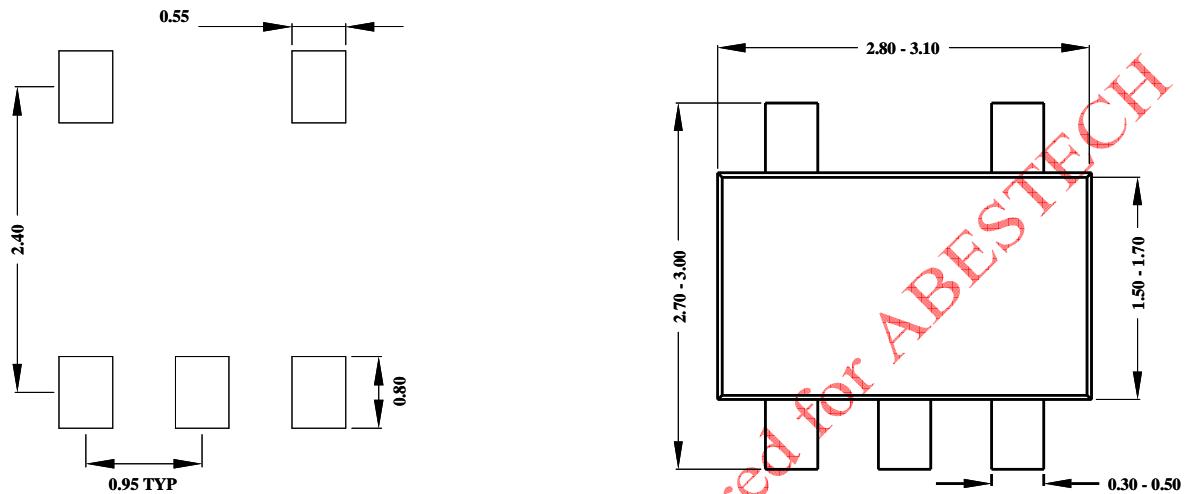
IN-----	2.5V to 5.5V
EN/ENB-----	-0.3V to $V_{IN}+0.3V$
All other pins -----	0-5.5V
Junction Temperature Range -----	-40°C to 125°C
Ambient Temperature Range -----	-40°C to 85°C



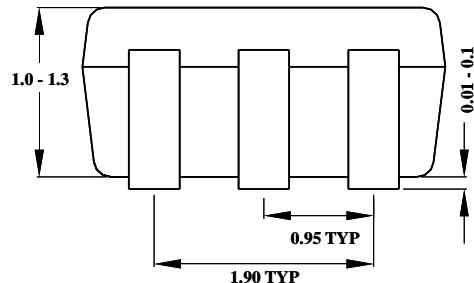
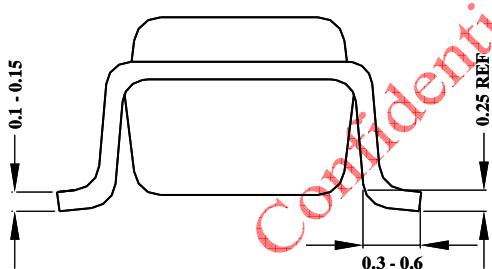
Block diagram



SOT23-5L Package Outline & PCB layout



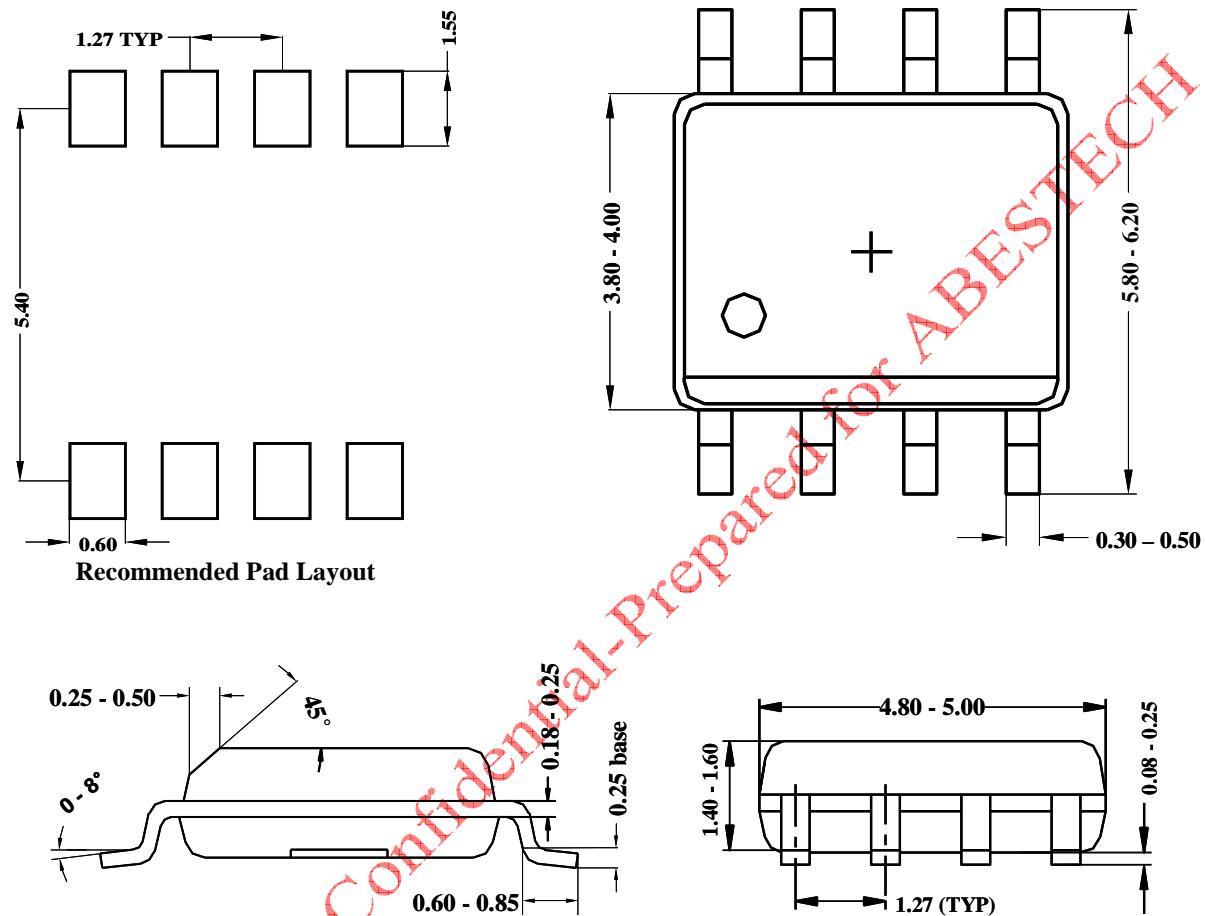
Recommended Pad Layout



Notes: All dimensions are in millimeters.

All dimensions don't include mold flash & metal burr.

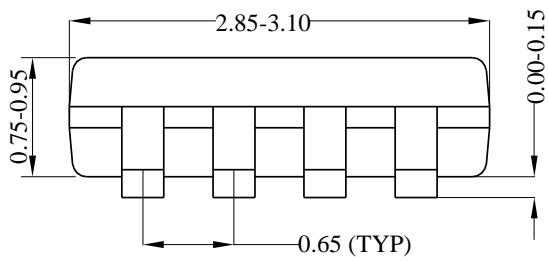
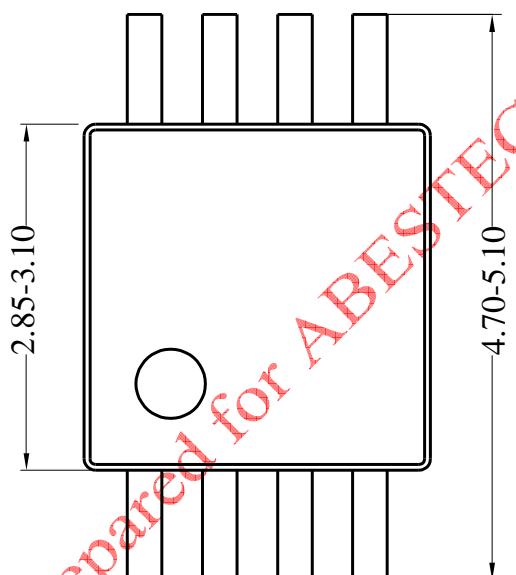
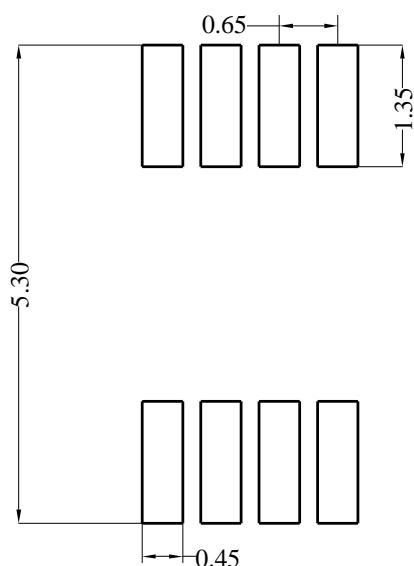
SO8 Package outline & PCB layout design



Notes: All dimensions are in millimeters.

All dimensions don't include mold flash & metal burr.

MSOP8 Package outline & PCB layout



Notes: All dimensions are in millimeters.

All dimensions don't include mold flash & metal burr.

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