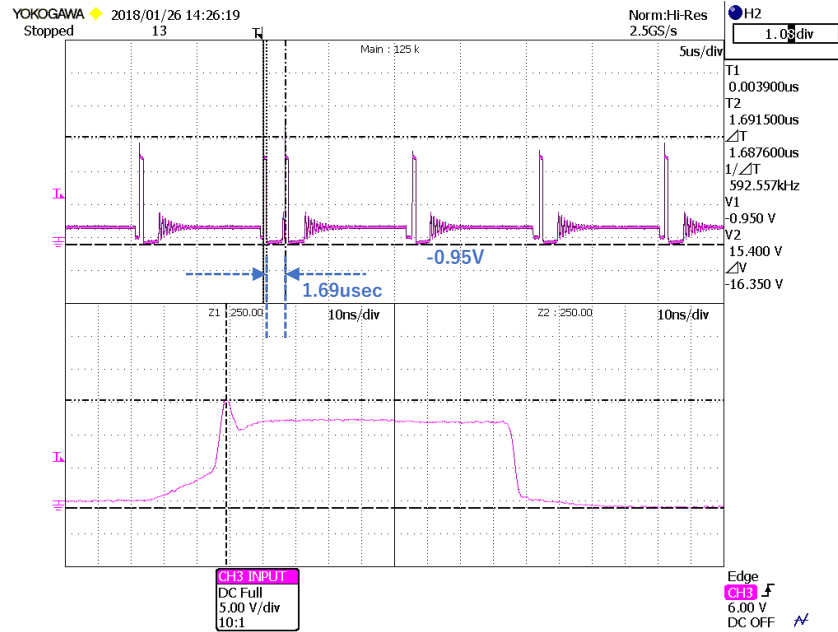


SW-port Waveform

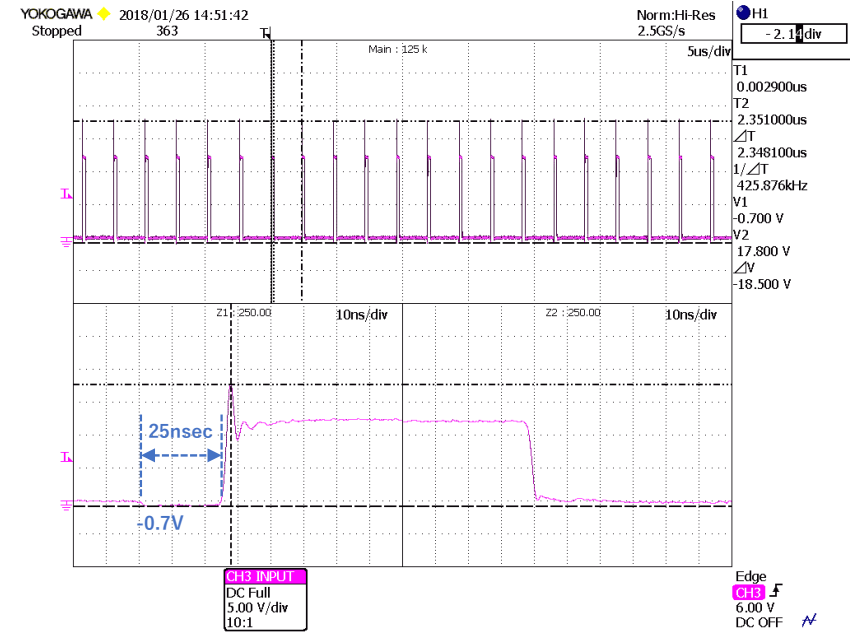
CSD95372BQ5M_Vsw_Min-0.95V_1.5us



T_A = 25°C (unless otherwise noted)⁽¹⁾

	MIN	MAX	UNIT
V _{IN} to P _{GND}	-0.3	25	V
V _{IN} to V _{SW}	-0.3	25	V
V _{IN} to V _{SW} (10 ns)	-7	27	V
V _{SW} to P _{GND}	-0.3	20	V
V _{SW} to P _{GND} (10 ns)	-7	23	V
V _{DD} to P _{GND}	-0.3	7	V
ENABLE, PWM, FCCM, TAO, IOUT, REF _{IN} to P _{GND}	-0.3	V _{DD} + 0.3 V	V
BOOT to BOOT_R ⁽²⁾	-0.3	V _{DD} + 0.3 V	V
P _D , power dissipation		12	W
T _J , operating junction	-55	150	°C

CSD95377Q4M_Vsw_Min-0.7V_25ns



T_A = 25°C (unless otherwise noted)⁽¹⁾

	MIN	MAX	UNIT
V _{IN} to P _{GND}	-0.3	20	V
V _{SW} to P _{GND} - V _{IN} to V _{SW}	-0.3	20	V
V _{SW} to P _{GND} , V _{IN} to V _{SW} (<10 ns)	-7	23	V
V _{DD} to P _{GND}	-0.3	6	V
PWM, SKIP# to P _{GND}	-0.3	6	V
BOOT to P _{GND}	-0.3	25	V
BOOT to P _{GND} (<10 ns)	-2	28	V
BOOT to BOOT_R	-0.3	6	V
BOOT to BOOT_R (duty cycle < 0.2%)		8	V
P _D Power dissipation		8	W
T _J Operating temperature	-40	150	°C
T _{stg} Storage temperature	-55	150	°C