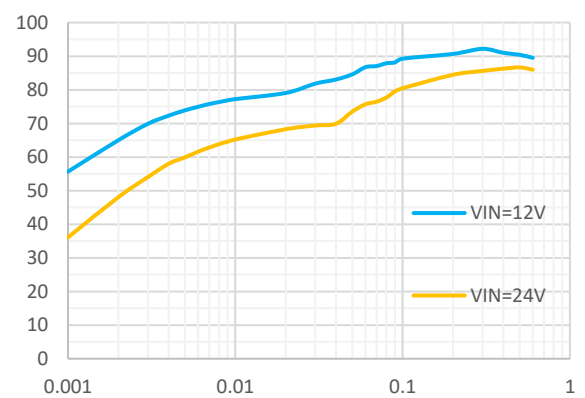
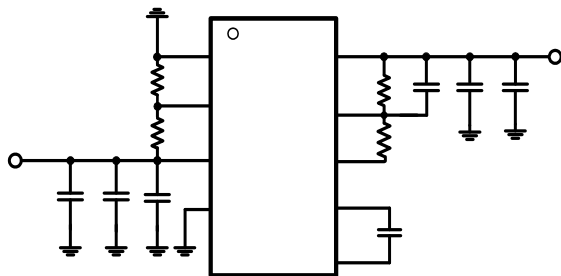
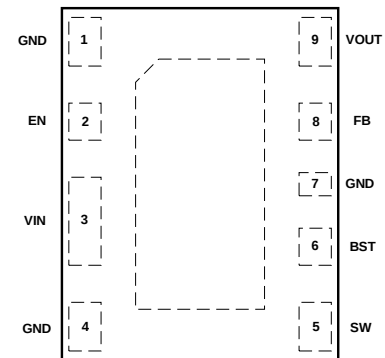




ORDERABLE DEVICE	PACKAGING TYPE	STANDARD PACK QTY	PINS	PACKAGE DESCRIPTION	MSL

DESCRIPTION	MIN	MAX	UNIT



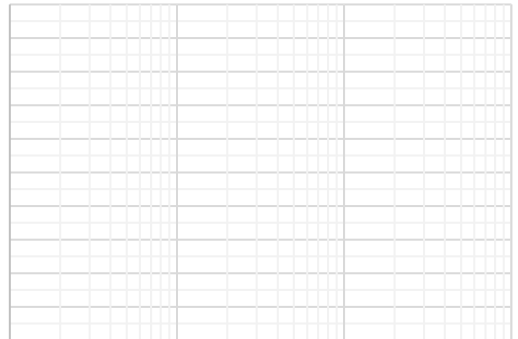
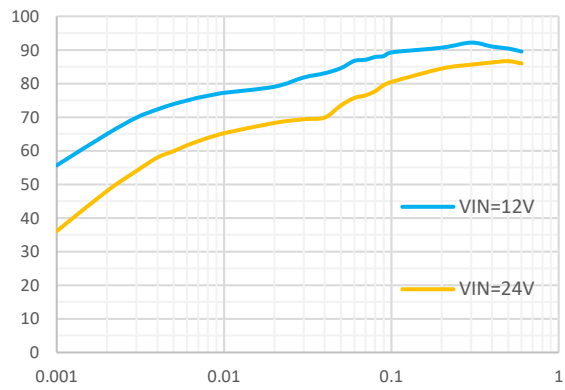
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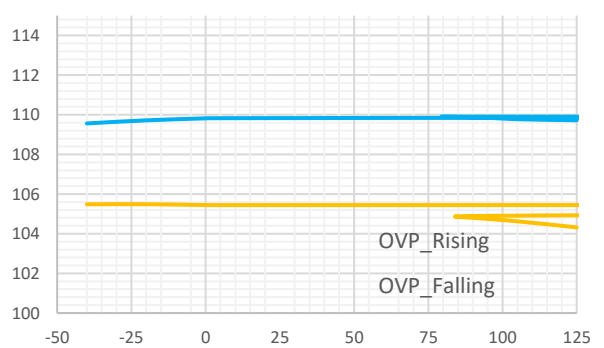
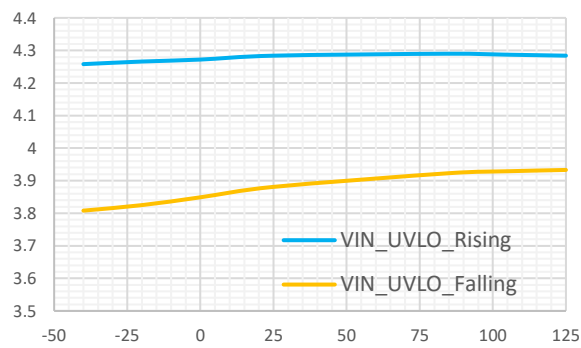
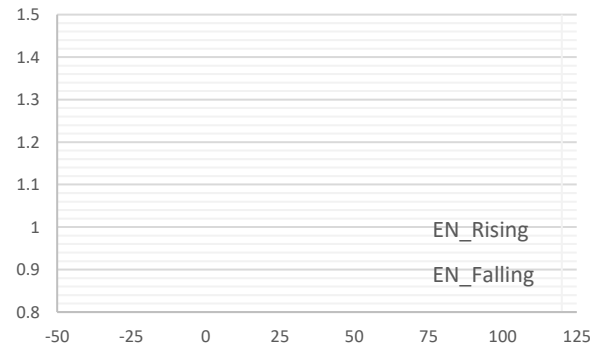
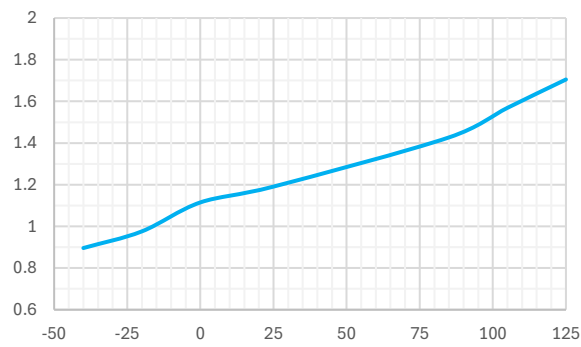
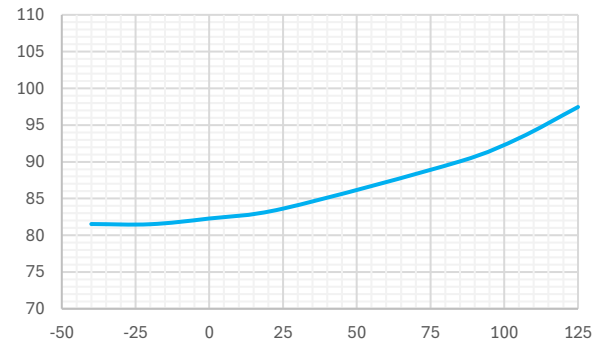
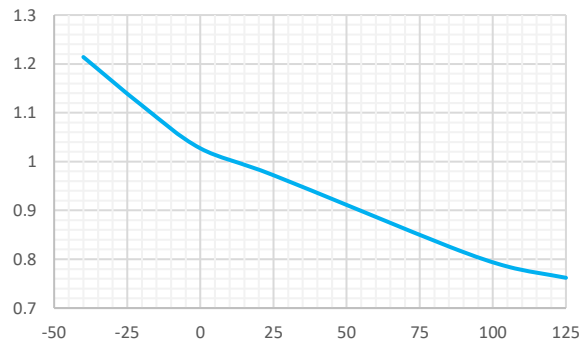
PARAMETER	DEFINITION	MIN	MAX	UNIT

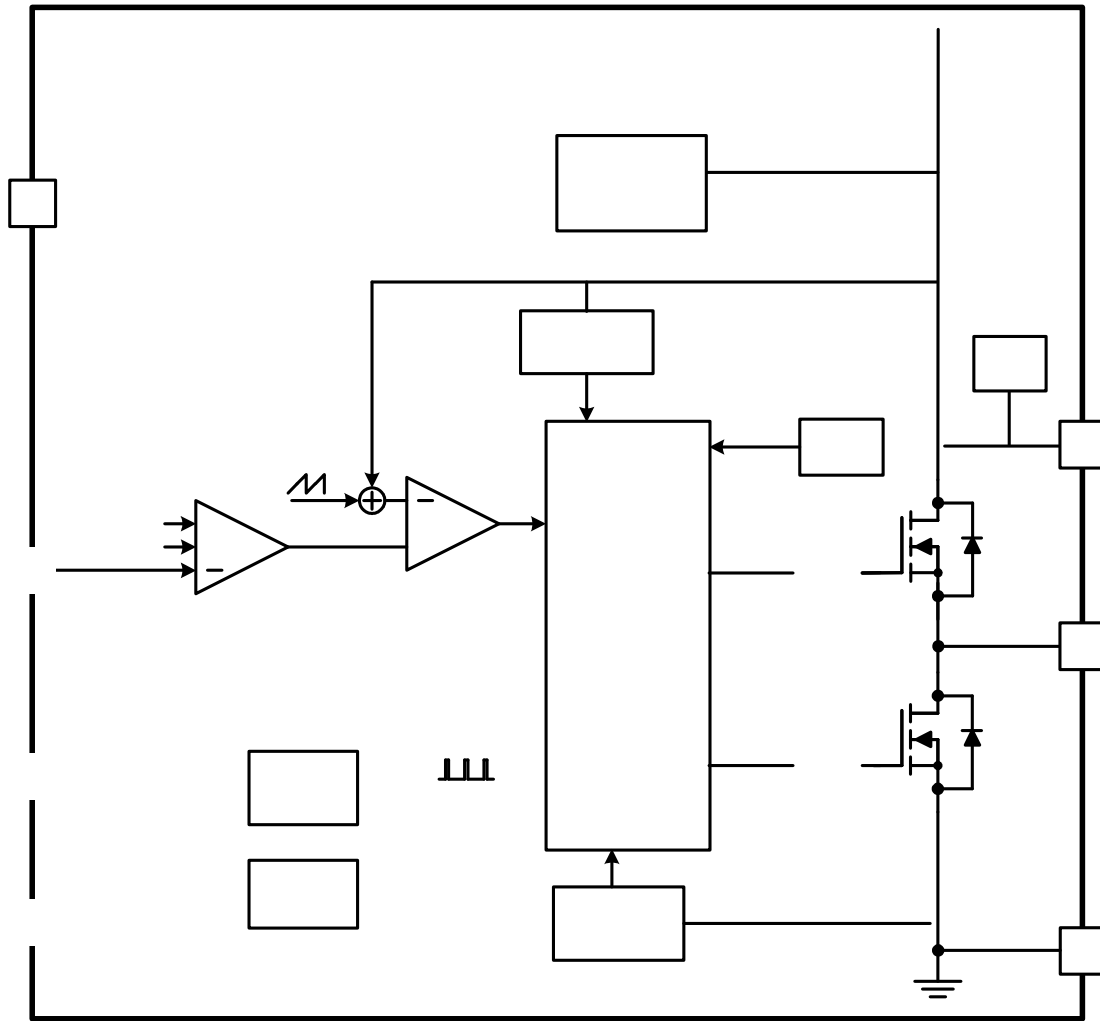
PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	THERMAL METRIC	ECLGA3X3.8-9L	UNIT

SYMBOL	PARAMETER	TEST CONDITION	MIN	TYP	MAX	UNIT
Power Supply and Output						
Enable						
Feedback and Error Amplifier						
Current Limit						
Switching Frequency						
Soft Start Time						
Protection						

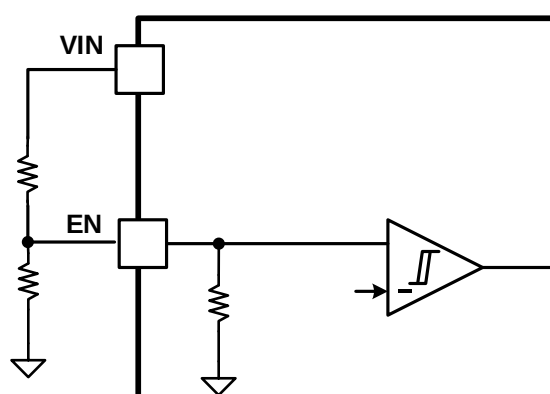






Overview

Peak Current Mode Control and Pulse Skipping Mode



Output Voltage

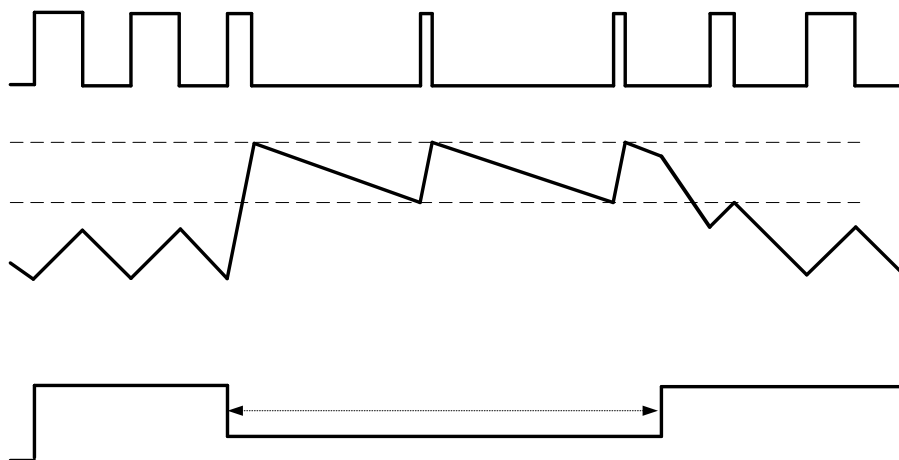
-
-

Peak Current Limit

Bootstrap Voltage Regulator

Internal Soft-Start

Over Current Protection

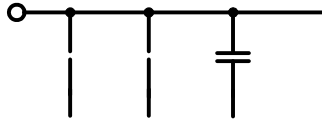


Over voltage Protection

Thermal Shutdown

°
°

Typical Application



Design Parameters

Design Parameters	Example Value

Output Voltage

V _{OUT}	R ₃	R ₄

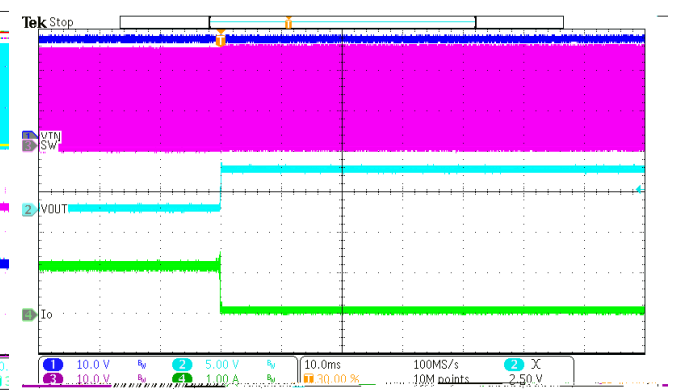
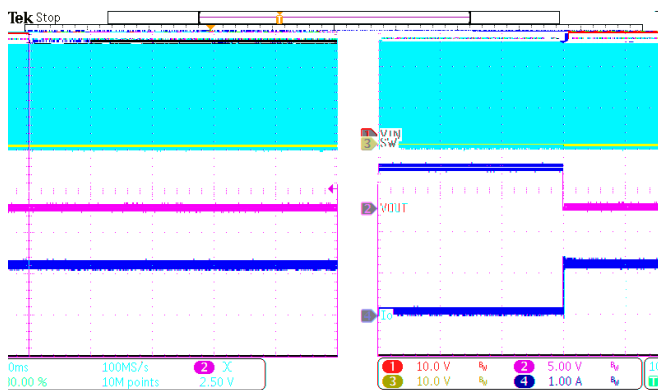
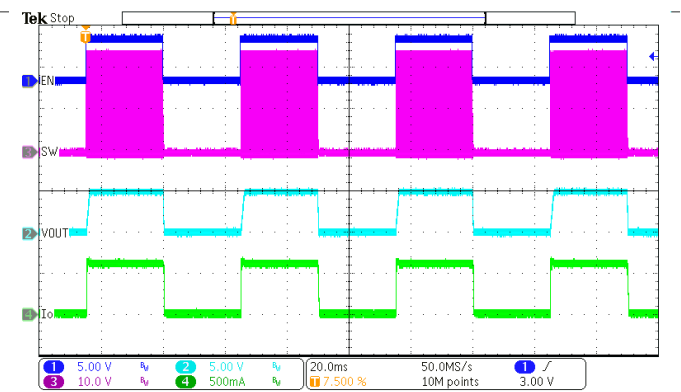
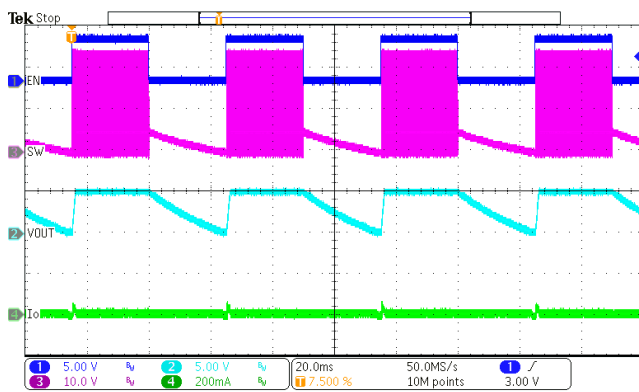
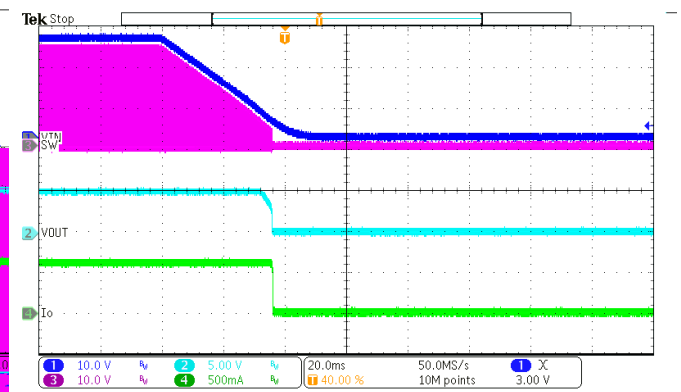
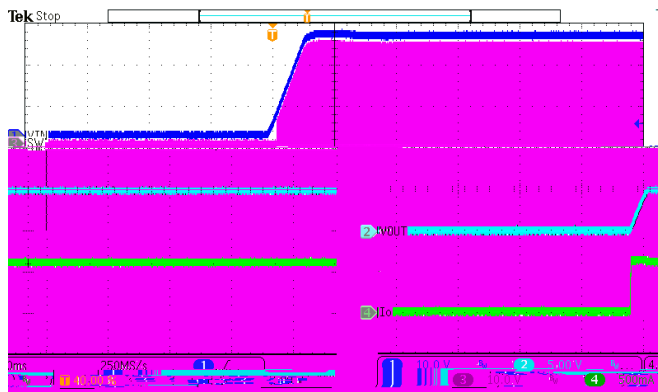
I U R O X @ H W

Under Voltage Lock-Out

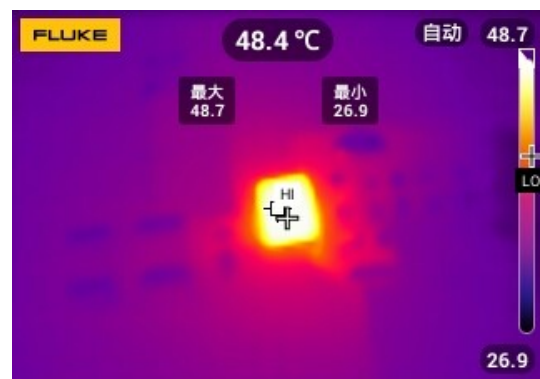
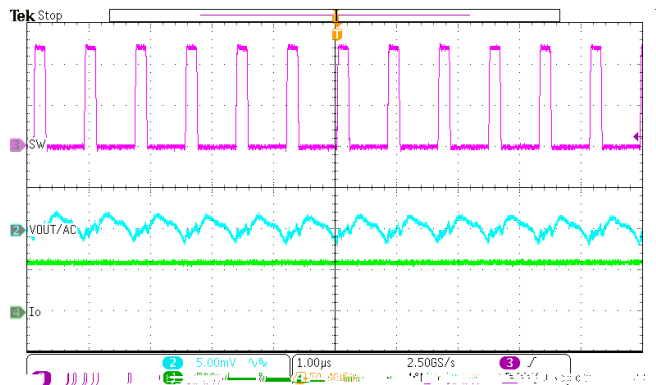
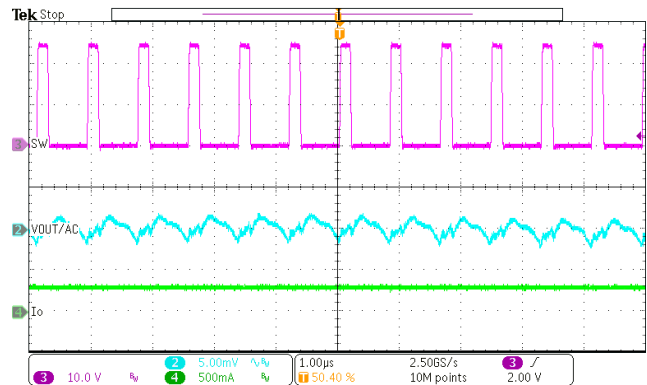
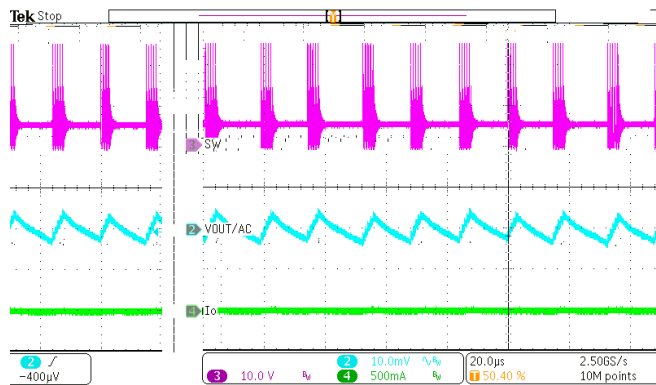
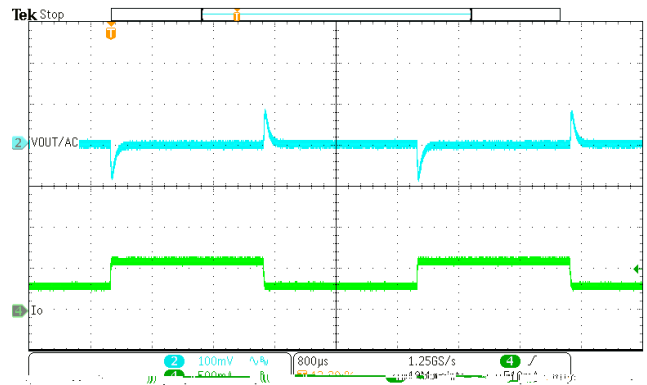
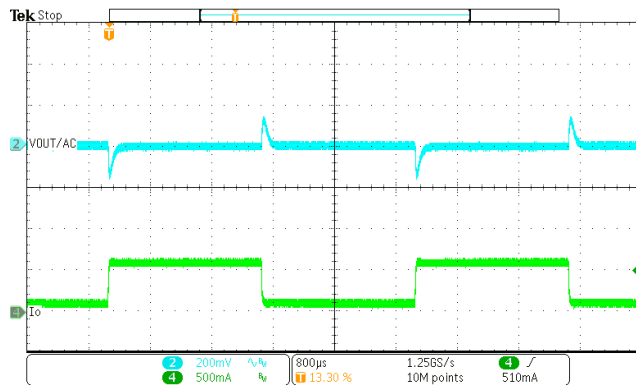
Bootstrap Capacitor Selection

Output Capacitor Selection

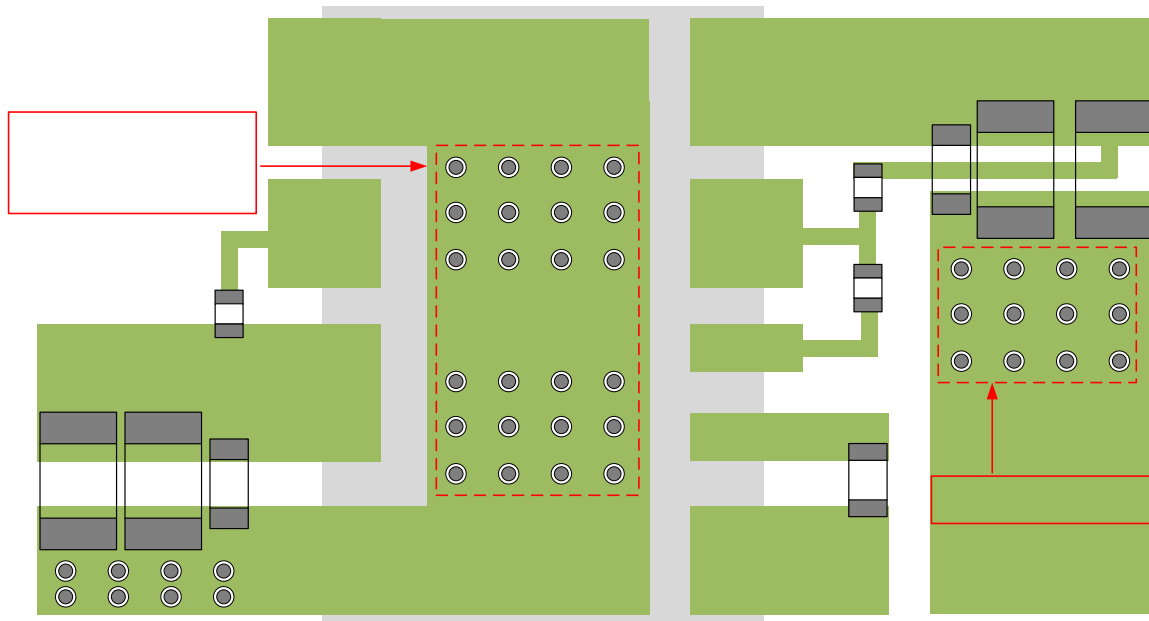
Application Waveforms

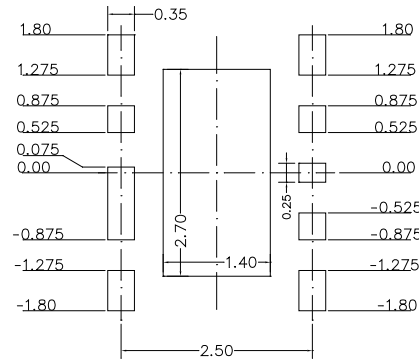
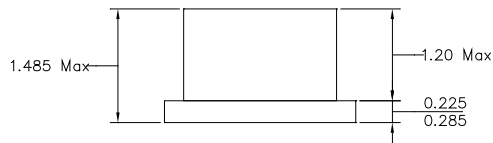
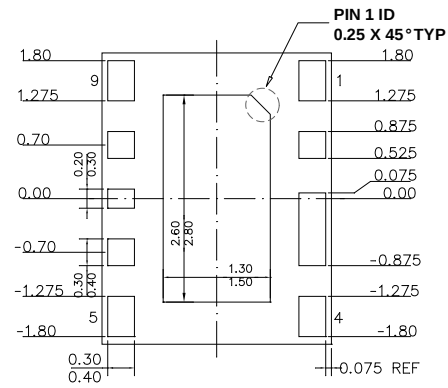
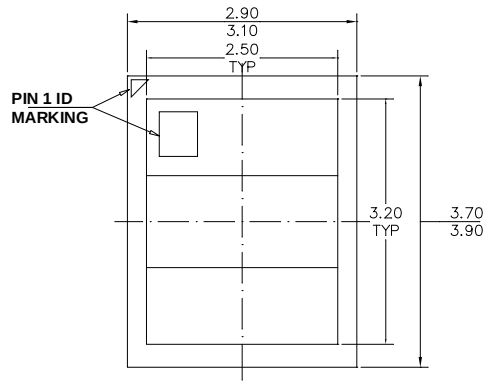


Application Waveforms

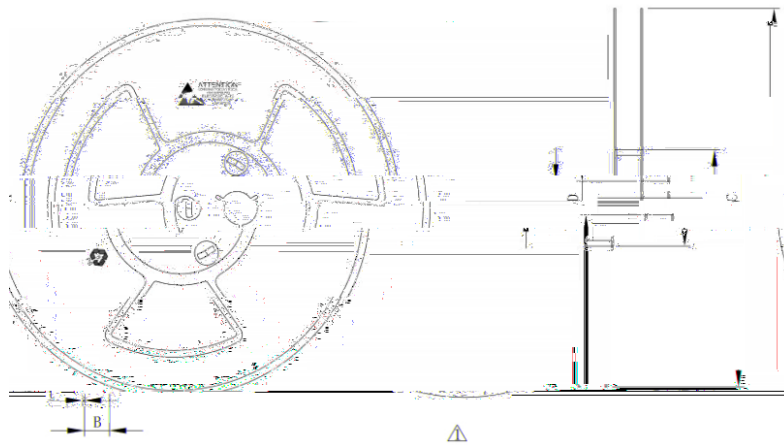


Layout Guideline

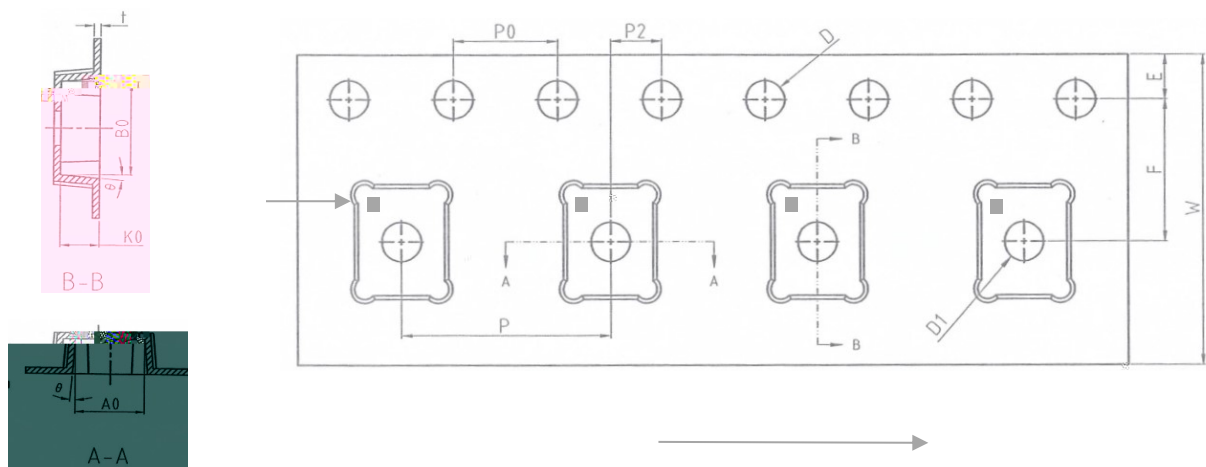




- 1) ALL DIMENSIONS ARE IN MILLIMETERS.
- 2) LEAD COPLANARITY SHALL BE 0.10 MILLIMETERS MAX.
- 3) JEDEC REFERENCE IS MO-303.
- 4) DRAWING IS NOT TO SCALE.



SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A			
B			
C			
D			
t			



SYMBOL	MILLIMETER		
	MIN	NOM	MAX
E			
F			
P2			
D			
D1			
P0			
10P0			
W			
P			
A0			
B0			
K0			
t			
θ			