

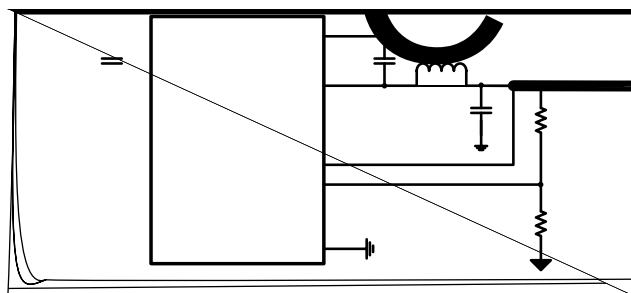
18V Vin, 5A, High Efficiency Synchronous Step-down DCDC Converter

FEATURES

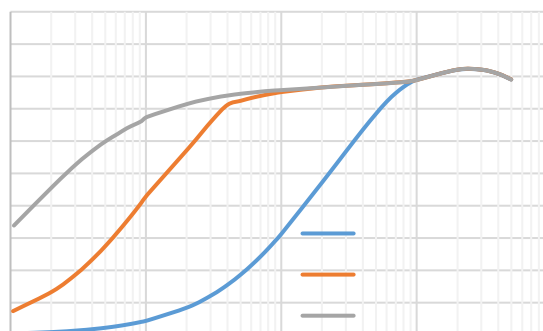
DESCRIPTION

APPLICATIONS

TYPICAL APPLICATION



0 X 3: X. U pe tqpqwu DwemEqpxgtgt



Xlp 3 X Xout 30X huy : 22m

REVISION HISTORY

DEVICE ORDER INFORMATION

QTFGTCDNG FGXIEG	RCEMCI RI V RG	UVC PFCTF RCEMSV	RCEMCI G OCTMRI	RPU	RCEMCI G FGUETHRVQP	OUN

ABSOLUTE MAXIMUM RATINGS

FGUETHRVQP	OP	OCZ	WPW

PIN CONFIGURATION

Vqr Xlgy

Hk wtg 303 Ngcf Rrcuvs SHP

RECOMMENDED OPERATING CONDITIONS

RCTCOGVGT	F GHIPW/QP	OKP	OCZ	WPKW

ESD RATINGS

RCTCOGVGT	F GHIPW/QP	OKP	OCZ	WPKW

THERMAL INFORMATION

RCTCOGVGT	V GTOCNOGVTK	FHP 2N	WPKW

ELECTRICAL CHARACTERISTICS

U ODQN	RCTCOGVGT	VGUVEQPFWQP	OKP V R OCZ	WPW
Rqy gt Uwr r n cpf Qwr w				
Tghgtgpeg cpf EqpvtqnNqqr				
Rqy gt OQUHGU				
Gpcdrq cpf Uqhvuctv				
Qr gtcwqp Oqf g				
Uy ke lpi Htgs wgpe				

U ODQN	RCTCOGVGT	VGUVEQPFV/QP	OR V R OCZ	WPV

RtqgeVqp

OPERATION

Qxgtxlgy

Ω

Gpddrg cpf Wpf gt Xqnci g NgemqwwV tgu qrf

—

—

UEV 2

Vcdrg 30HUGN Rlp Ugvr wr hqt Uy ke lpi Htgsugpe Ugrgevkqp

Oqf g Ugrgevkqp

Vcdrg 00QFGRlp Ugvr wr hqt Oqf g Ugrgevkqp

Rqy gt l qqf RI

Dqqwvtr Xqnci g Tgi wcvqt

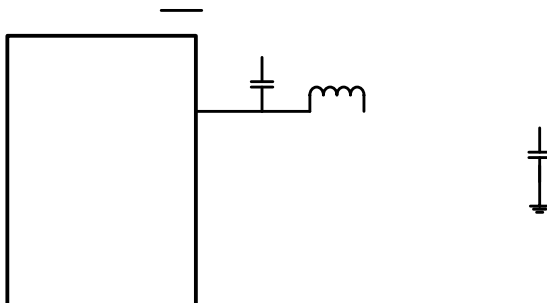
Qxgt Ewtgpnlo lvcpf lewr Oqf g

Vpf gt xqnci g Rtqvgevkqp

V gto cnU wf qy p

APPLICATION INFORMATION

V r lecnCr r rlecVqp

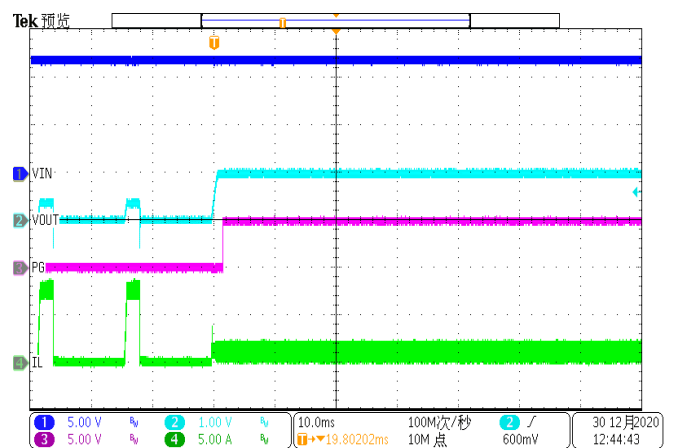
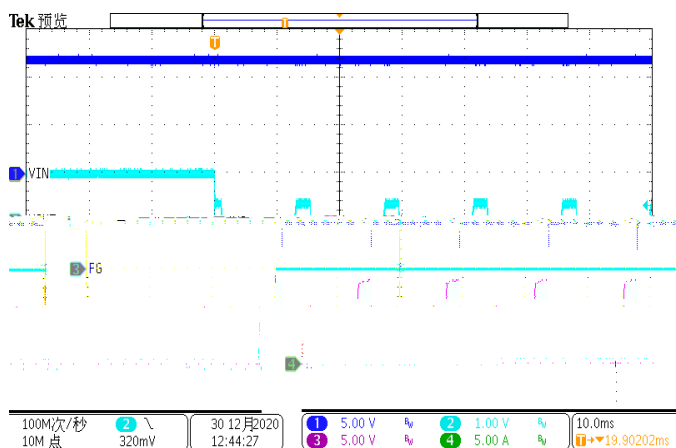
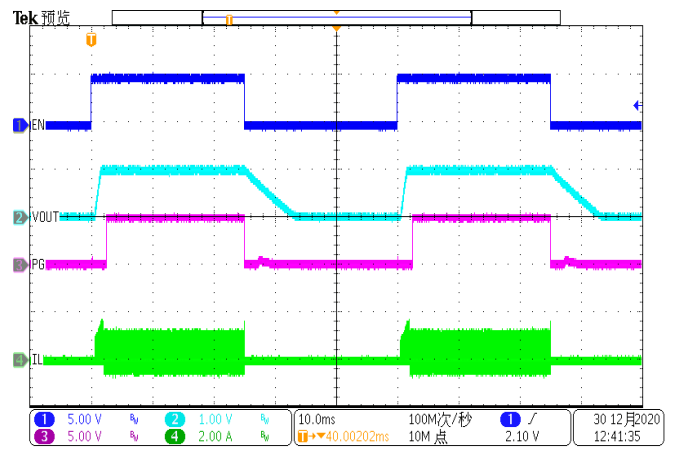
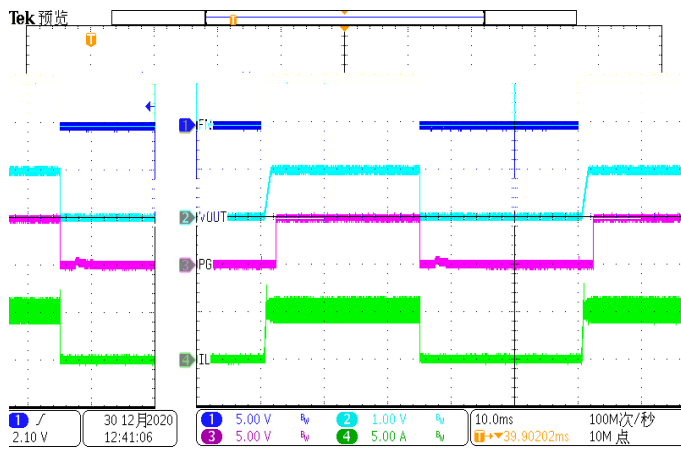
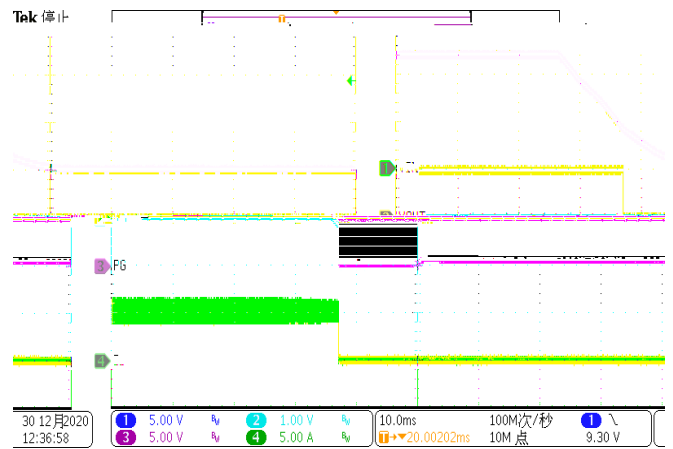
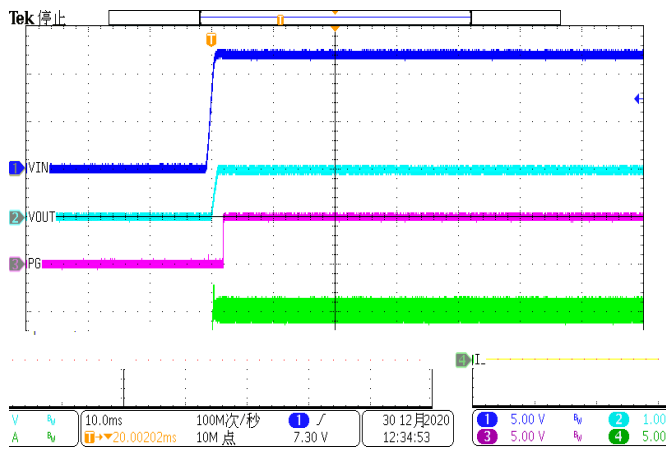


Fgukl p Rctco gvgtu	
Fgukl p Rctco gvgtu	Gzco r rg Xcnwg

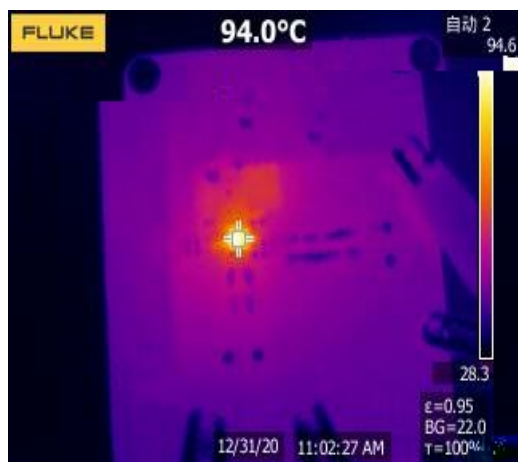
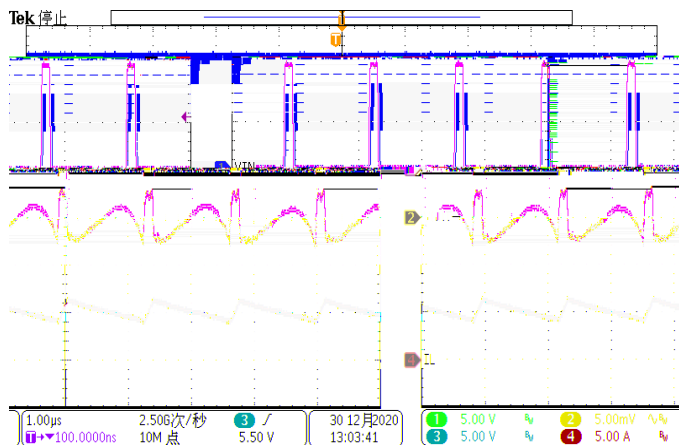
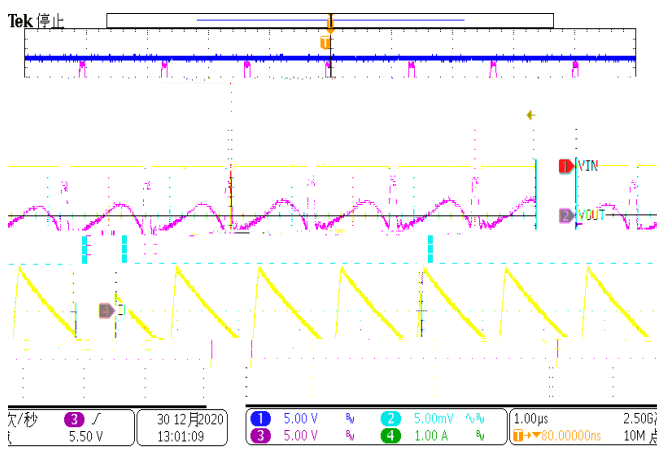
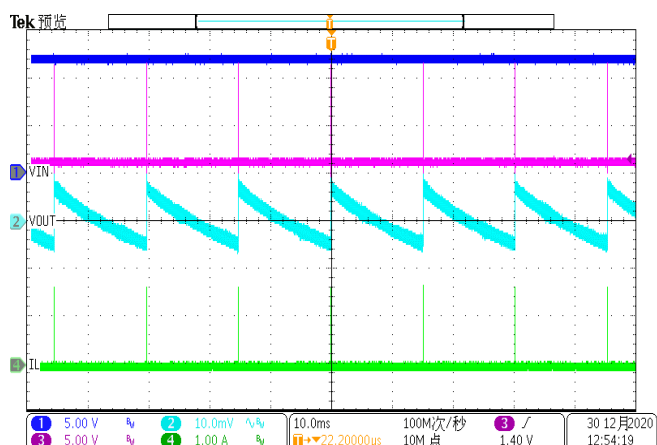
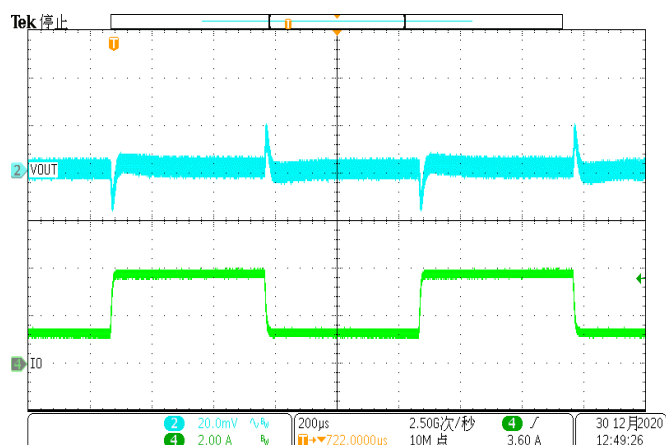
Þr wEcr cekqt Ugrgevkqp

Þf wevqt Ugrgevkqp

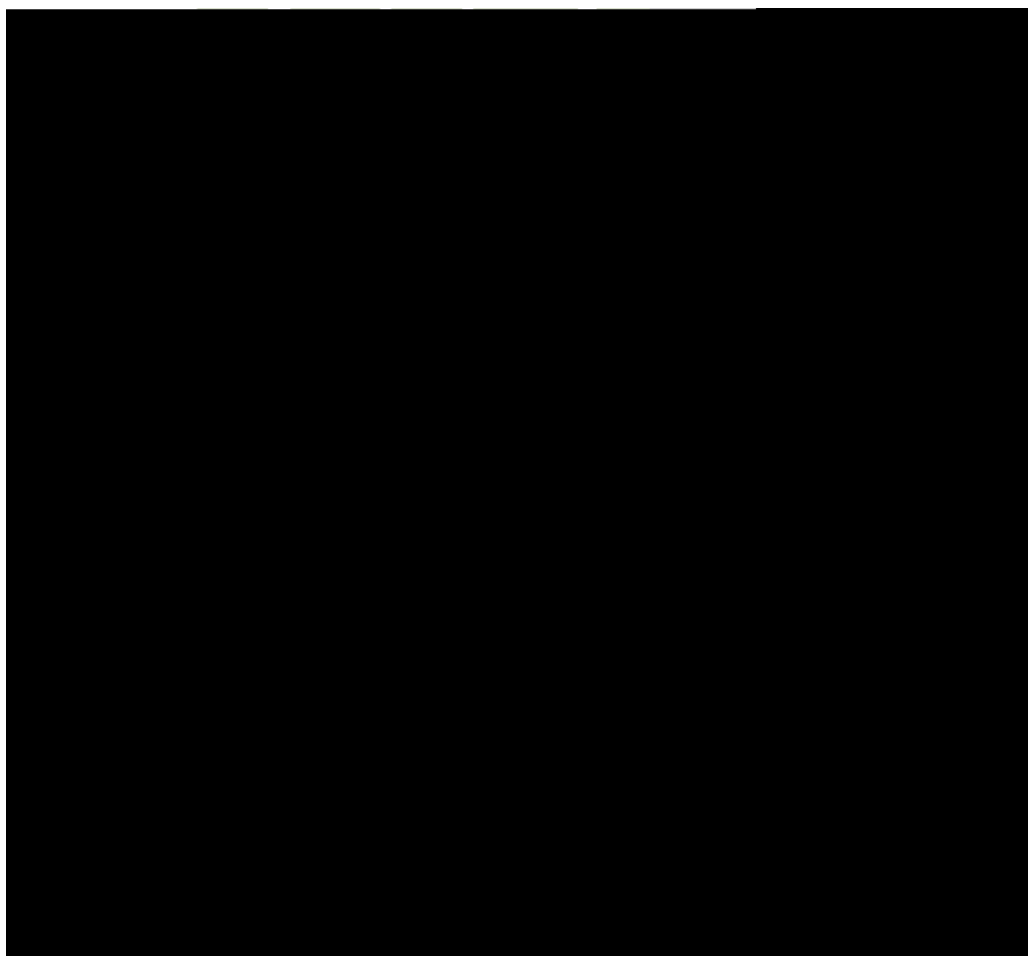
CrrdecVqp Y cxghqto u



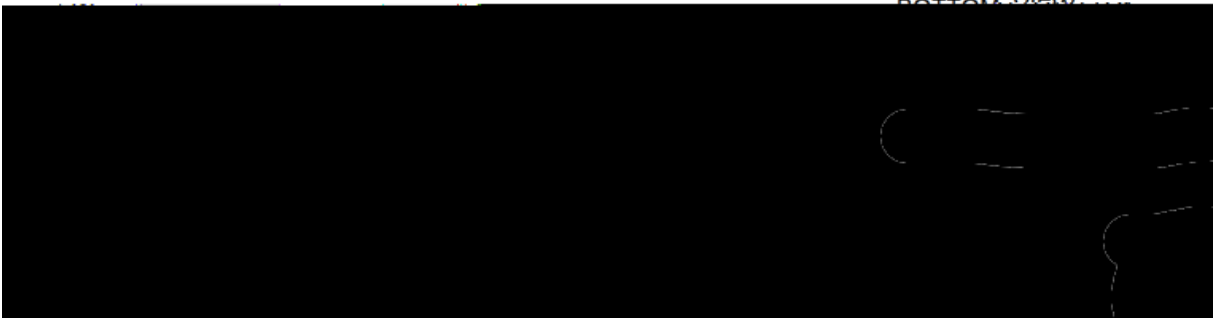
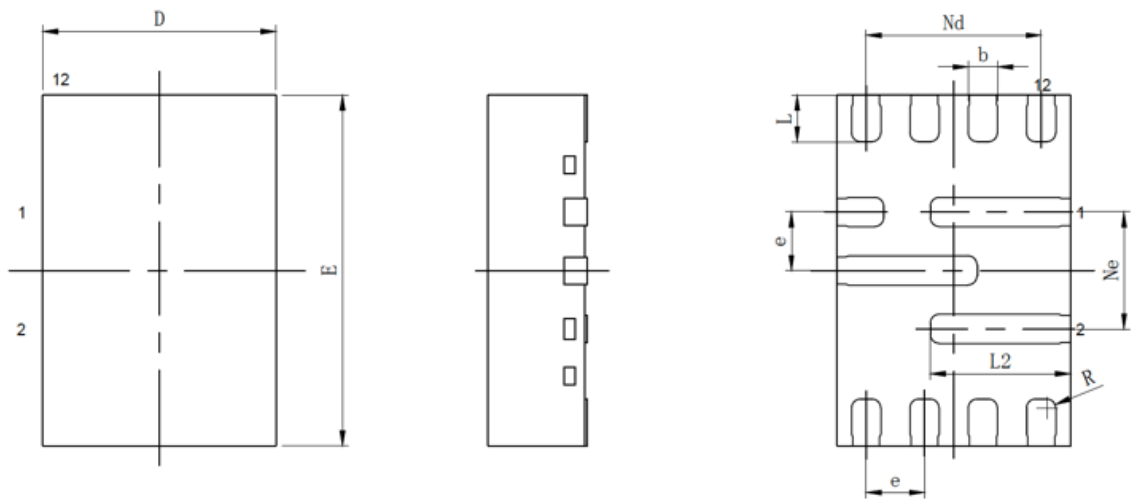
Cr r decVqp Y cxghqto u Eqpvwpvgf



Nc qwl wf grpg



PACKAGE INFORMATION



U ODQN	OKINHOVGT		
	OKP	PQO	OCZ
C			
C3			
d			
e			
F			
g			
Pf			
Pg			
G			
N			
N			
T			

PQVG

TAPE AND REEL INFORMATION

U ODQN	OKINPOGVGT		
	OKP	PQO	OCZ
C			
D			
E			
F			
V			

U ODQN	OKINPOGVGT		
	OKP	PQO	OCZ
G			
H			
R			
F			
F3			
R2			