4.2V-60V Vin, 2A, High Efficiency Step-down DCDC Converte r with Programmable Frequency

FEATURES

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- 0 A A
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- A 8/. .
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APPLICATIONS

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REVISION HISTORY

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	5	
	6	, A
	7	, , A ,

RECOMMENDED OPERATING CONDITIONS

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		2,0	4.	
		. ,6	35	
		+2.	/3.	A

ESD RATINGS

	& * + A+ +. . /+0. /2 * &	+0	)0	
	A &A * + A+ +. . 0+ 0. /2 * &0	+. ,3	). ,3	

(1) A /33 3. . ,
(2) A /35 03. A ,

THERMAL INFORMATION

&/ &0		15,17	
&0	+ +	5,/4	
&0	+ +	/4,22	A-
A &/ &0		5/,55	
&0	+ +	/4,70	

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& A A 0400 * * , A
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ELECTRICAL CHARACTERISTICS

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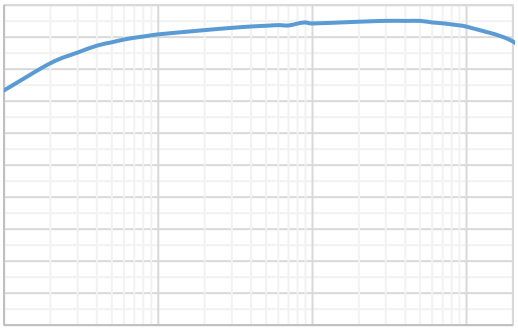
TYPICAL CHARACTERISTICS



0, A * 3

1, A * 02

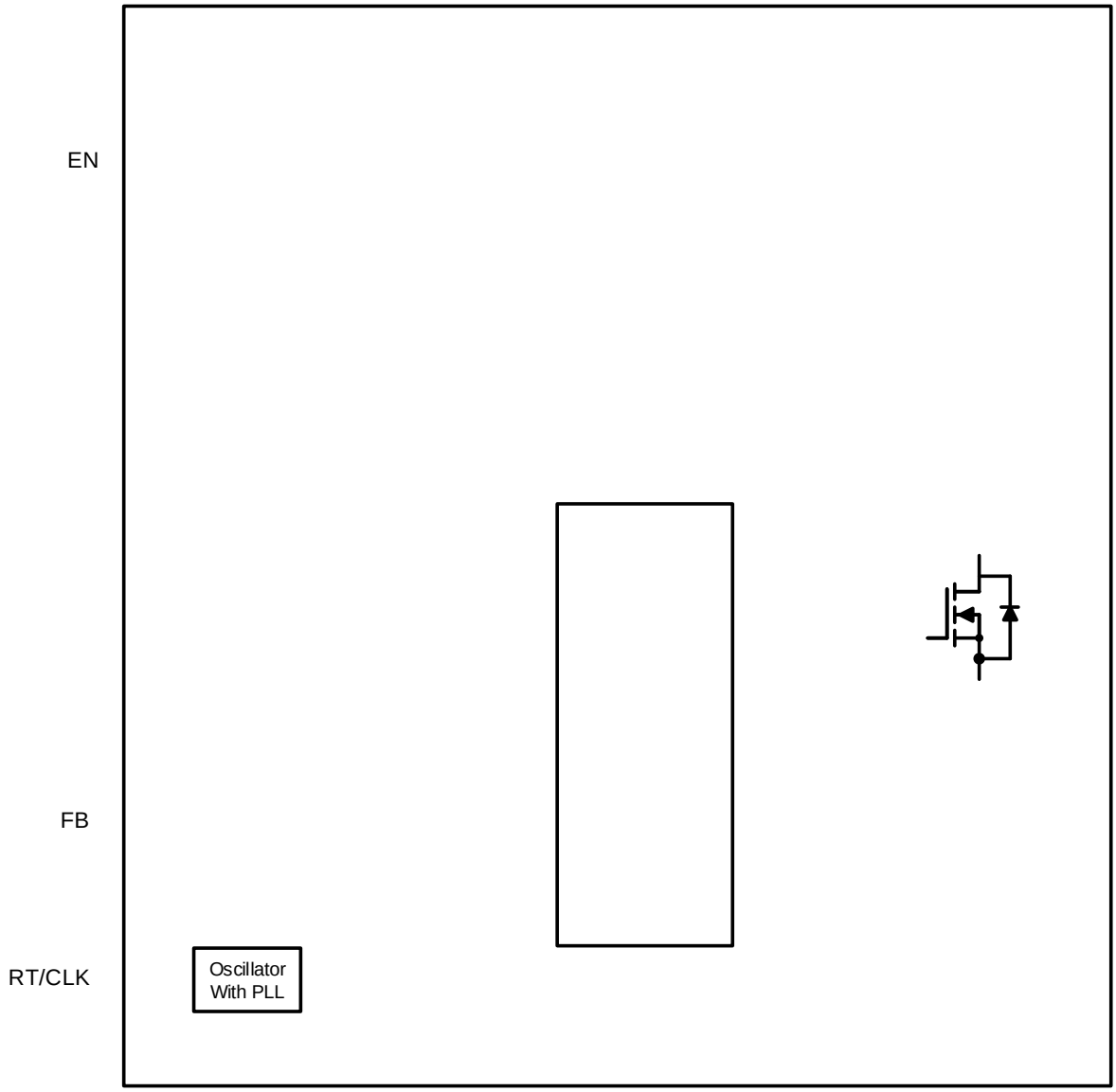
2, * 02 * 1,1

3, A

4,

5,

FUNCTIONAL BLOCK DIAGRAM



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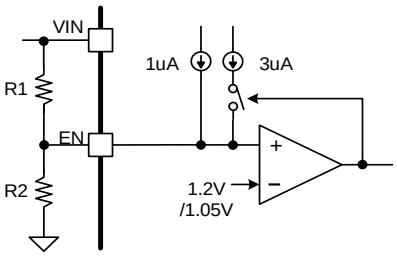

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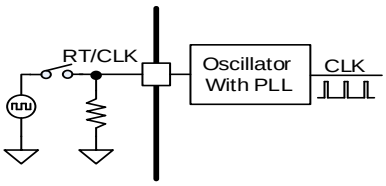

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Table 1. R_5, R_6 Value for Common Output Voltage (Room Temperature)

0,3	0/,3	/. ,0
1,1	1/,4	/. ,0
3	31,4	/. ,0
/0	/21	/. ,0
02	072	/. ,0
14	220	/. ,0
26	4. 2	/. ,0

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Table 2. R_{FSW} Value for Common Switching Frequencies (Room Temperature)

)•H0 UR WF IK UU %f VàU `R ` HI p K L JFKL H O F 2"vf € O • P € P p € P ªÍ Šà–ñ ¯ ` Í O @D` Fen- 509046>-4<017<000404

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14. +/1+ 0. . , /2*
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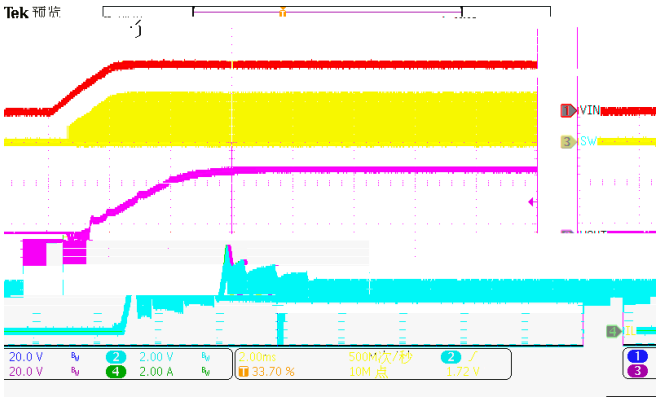
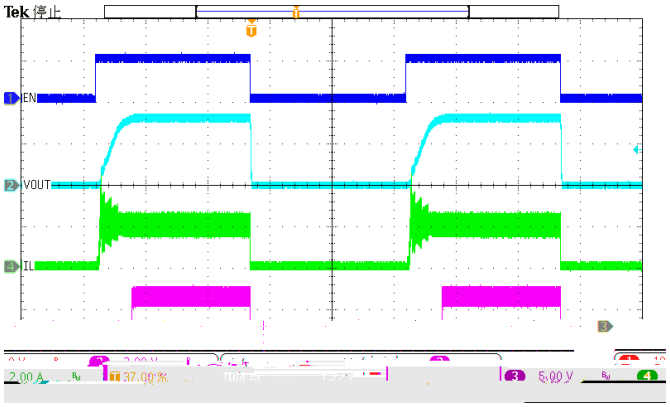
02 * 1,1 *

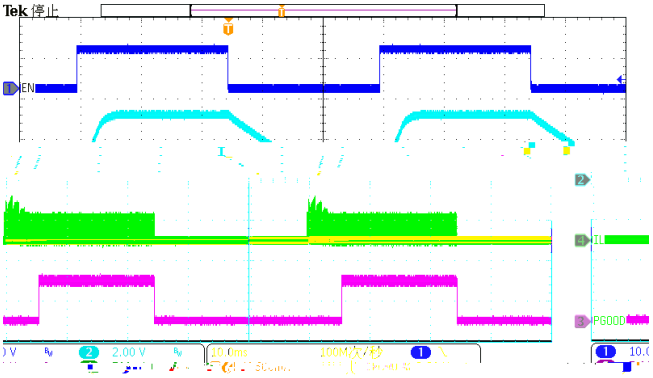


/0, & 0

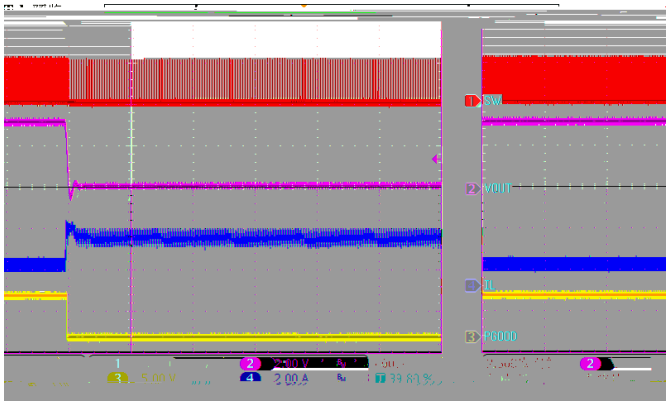
/1, & 0



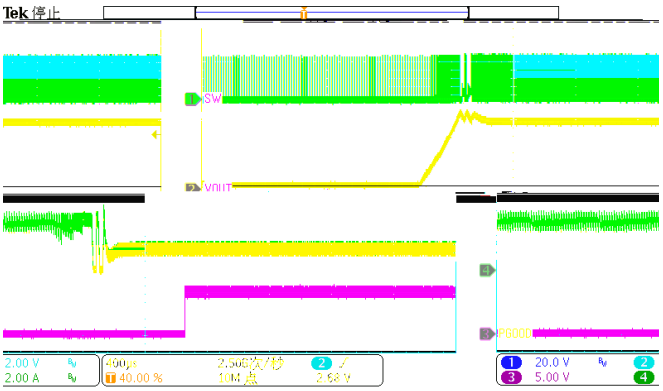
/2, &



/3, & 0.



/4, A &/



/5, A & /

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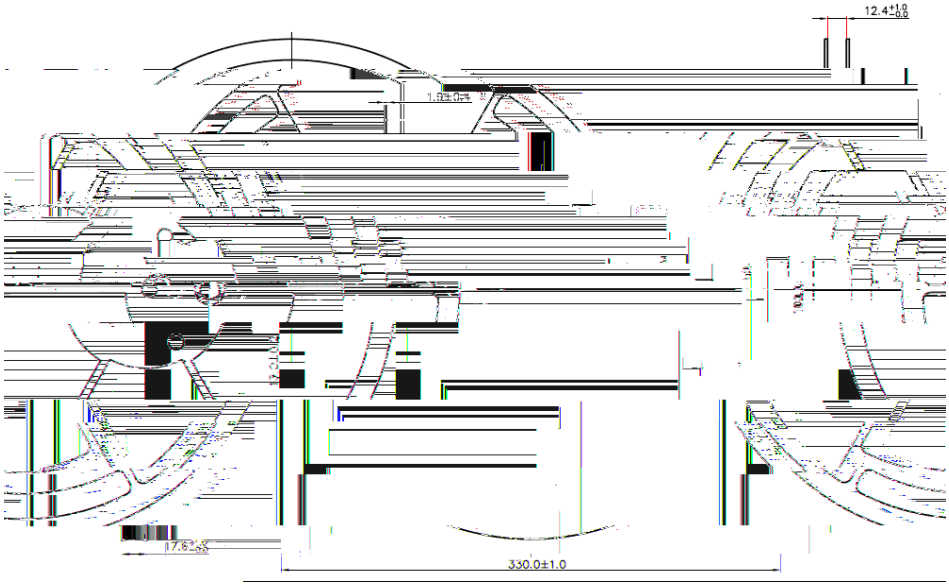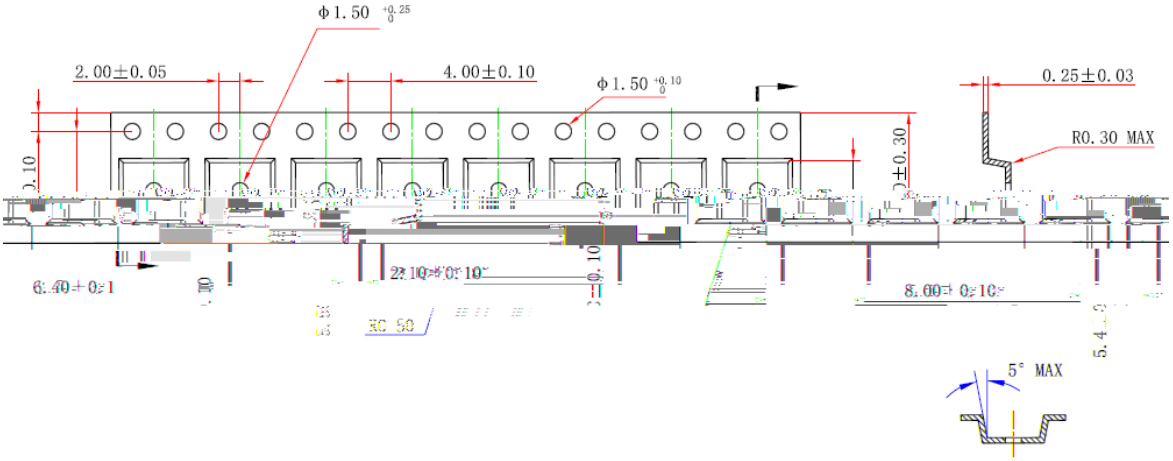
TAPE AND REEL INFORMATION