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, 7A

84A

가

2006 2 24 - (, www.linear.com)가
(phase lockable)/ / (monolithic)
(: LTC3415) . LTC3415 0.6V
7A . , LTC3415 (PolyPhase[®]) ,
12 LTC3415 (interleaved phase)
. 12 LTC3415 (cascade) ,
84A , 가 .
2.5V ~ 5.5V , POL(point-of-load)
. 1.5MHz
가 . LTC3415 5mm x 7mm QFN
. .
LTC3415 $R_{DS(ON)}$ 0.025 (N) 0.032 (P)
96% . (low dropout) 100%
, .
(Burst Mode[®]) 450uA (no load quiescent
current) , 1uA 가 .
, LTC3415 ,
RF .
LTC3415 750kHz ~ 2.25MHz
(Power Good) ,
. 84A
LTC3415
. .
LTC3415 38 5mm x 7mm QFN 가 , 가 1
6.50 .

LTC3415


- : 96%
- 7A
- : 1.5MHz()
- Poly-Phase (12)
-
-
- : 2.5V ~ 5.5V
- : 0.75MHz ~ 2.25MHz
- 가
- : 100%
- : 450uA
-
- 1uA
- ±1%
- 38 (5mm x 7mm) QFN

IC 1981 1986 , 2000
S&P 가 ,
, , RF , DC-DC ,
, (,),
, / , (,
MP3), , , ,

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: LT, LTC, PolyPhase, Burst Mode  Linear Technology Corp.

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