



due to primary side reg. Vout varies from 16.5V @ NoLoad to 15V @ FullLoad

XFMR:
 Npri : Nsec : Naux = 1 : 0.693 : 0.693
 Lpri = 163uH +/-20%
 Isolation pri/sek 3kVac (C1 2kV !)
 duty = 22% to 49%
 Ipri = 390mApk, Isek = 690mApk
 Pout = 1.8Wmax

NOTES:
 1) R9 for test purposes only
 2) R100 for NoLoad condition only
 (could be clamped w/ BZX84C16, too)

Rem: customer needed HT design w/out optoisolator

TEXAS INSTRUMENTS		
Title DCM Flyback, 15V @ 120mA		
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Date 08/13/2009	Drawn by B.Geck	
Filename PMP4616RevC.SCH	Sheet 1	of 1

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