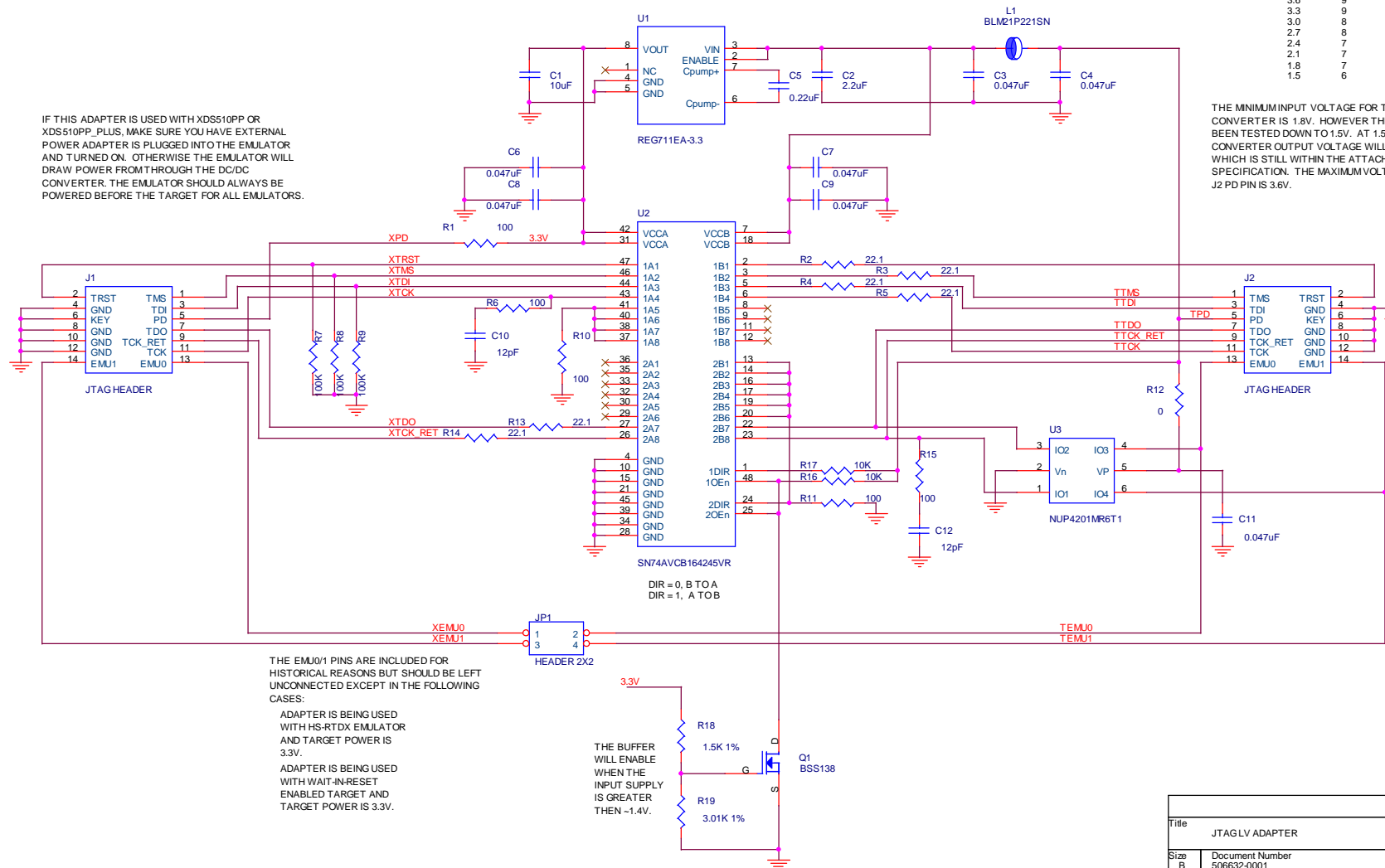


THE TABLE BELOW LISTS THE TYPICAL CURRENT REQUIRED ON J2 PD (pin 5) FOR RATED VOLTAGES. TESTS CONDUCTED WITH 33pF LOAD ON ALL OUTPUTS AND 10MHz TCK.

Vpd (V)	ICCpd (mA)
3.9	10
3.6	9
3.3	9
3.0	8
2.7	8
2.4	7
2.1	7
1.8	7
1.5	6

THE MINIMUM INPUT VOLTAGE FOR THE DC/DC CONVERTER IS 1.8V. HOWEVER THE CIRCUIT HAS BEEN TESTED DOWN TO 1.5V. AT 1.5V THE CONVERTER OUTPUT VOLTAGE WILL DROP TO 3.0V WHICH IS STILL WITHIN THE ATTACHED EMULATOR SPECIFICATION. THE MAXIMUM VOLTAGE INPUT ON J2 PD PIN IS 3.6V.

IF THIS ADAPTER IS USED WITH XDS510PP OR XDS510PP_PLUS, MAKE SURE YOU HAVE EXTERNAL POWER ADAPTER IS PLUGGED INTO THE EMULATOR AND TURNED ON. OTHERWISE THE EMULATOR WILL DRAW POWER FROM THROUGH THE DC/DC CONVERTER. THE EMULATOR SHOULD ALWAYS BE POWERED BEFORE THE TARGET FOR ALL EMULATORS.



THE EMJ0/1 PINS ARE INCLUDED FOR HISTORICAL REASONS BUT SHOULD BE LEFT UNCONNECTED EXCEPT IN THE FOLLOWING CASES:

ADAPTER IS BEING USED WITH HS-RTDX EMULATOR AND TARGET POWER IS 3.3V.

ADAPTER IS BEING USED WITH WAIT-IN-RESET ENABLED TARGET AND TARGET POWER IS 3.3V.

THE BUFFER WILL ENABLE WHEN THE INPUT SUPPLY IS GREATER THEN -1.4V.

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