

NOTE 1: The TPS54610s have been compensated to allow for up to the following additional capacitance on each rail: 12 uF in ceramics in parallel with two 330 uF capacitors, each with ESR between 0.1 and 2 ohms. If more bypass capacitance or bulk capacitors with ESR outside the range above is used, each TPS54610 may need to be re-compensated using the SWIFT design software.

NOTE 2: Sequential sequencing of U1, U2 then U3 and power supply at start up.

NOTE 3: Select R23, R24, R25 and R26 according to the regulator's datasheet, to achieve the desired output voltage.

4
3
2
1

Title		Virtex-II Pro Converter	
Size	Number	PR220	
Date	2/16/04	Drawn by	Rev
Filename	pr220a-2.sch	Sheet	1 of 2

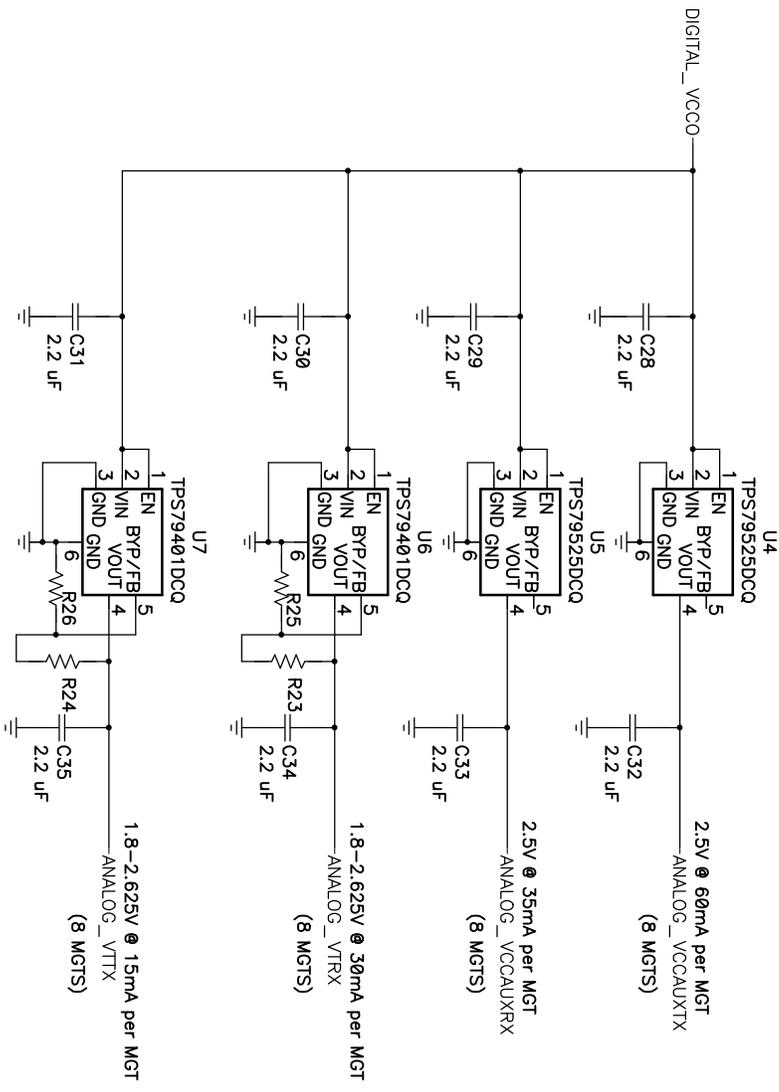
A B C D

B C

C D

A B C D

4 3 2 1



Title		Virtex-II Pro Converter	
Size	Number	PR220	Rev
B			E-2
Date	2/16/04		Drawn by
Filename	pr220e-2.sch	Sheet 2	of 2

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