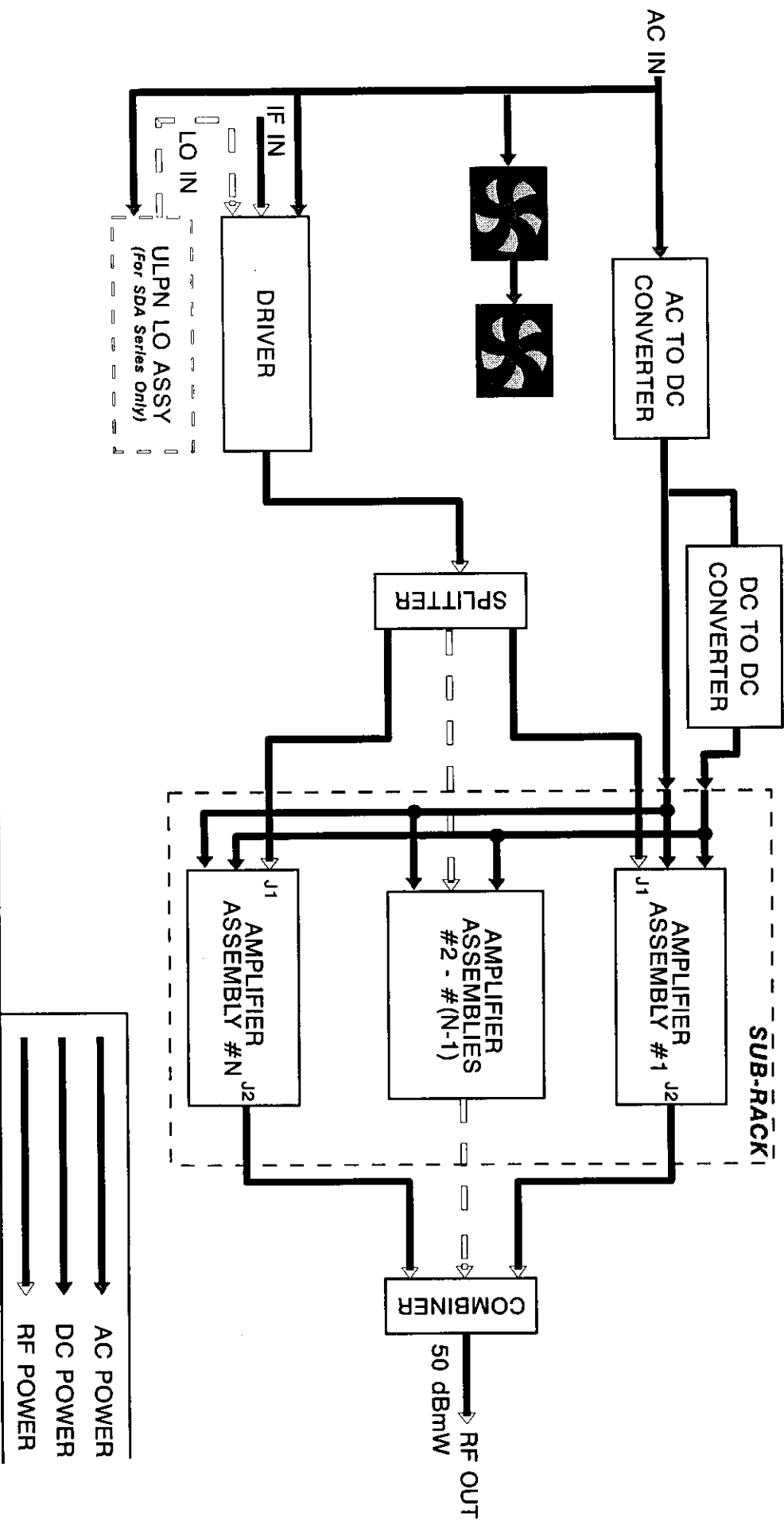
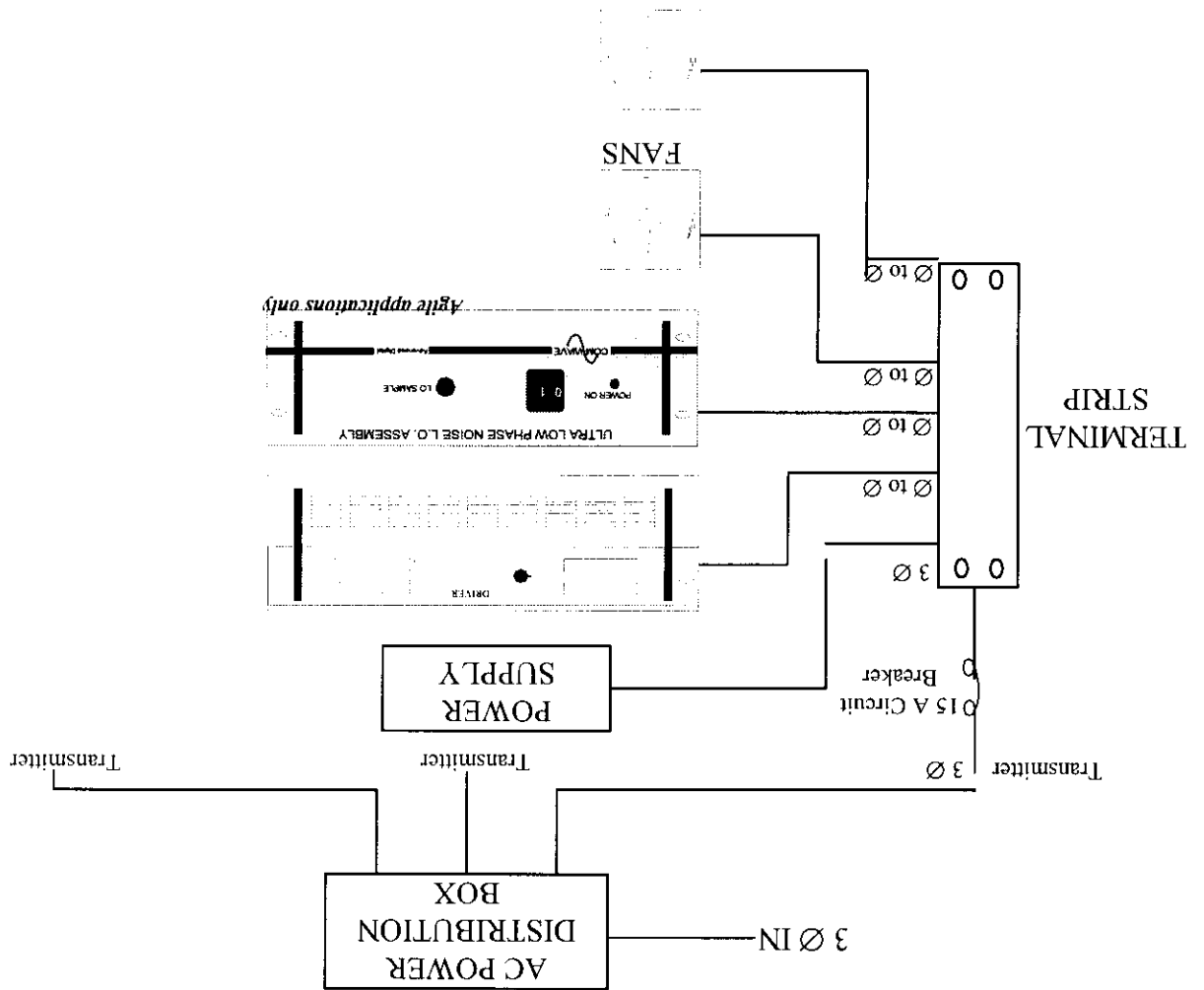


SD/SDA/HPB/SBM HIGH POWER SERIES BLOCK DIAGRAM OF RACK SINGLE TRANSMITTER SHOWN



AC Power Interconnections Block Diagram

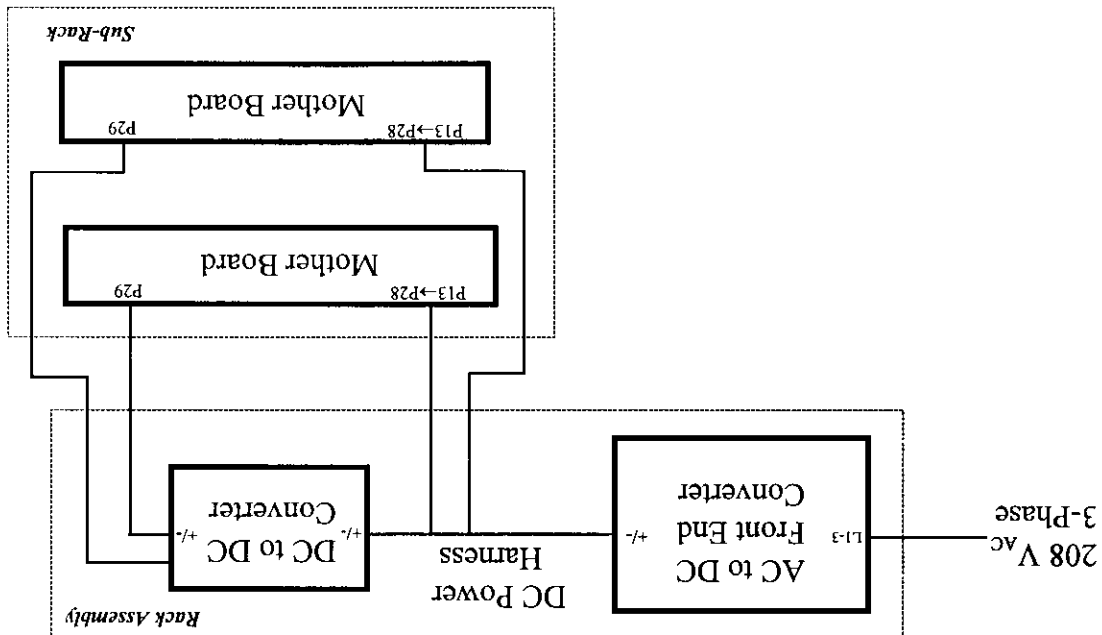


The AC to DC Front End Converter provides an input to the DC to DC Converter of 48 V_{dc}, as specified below in table A-2:

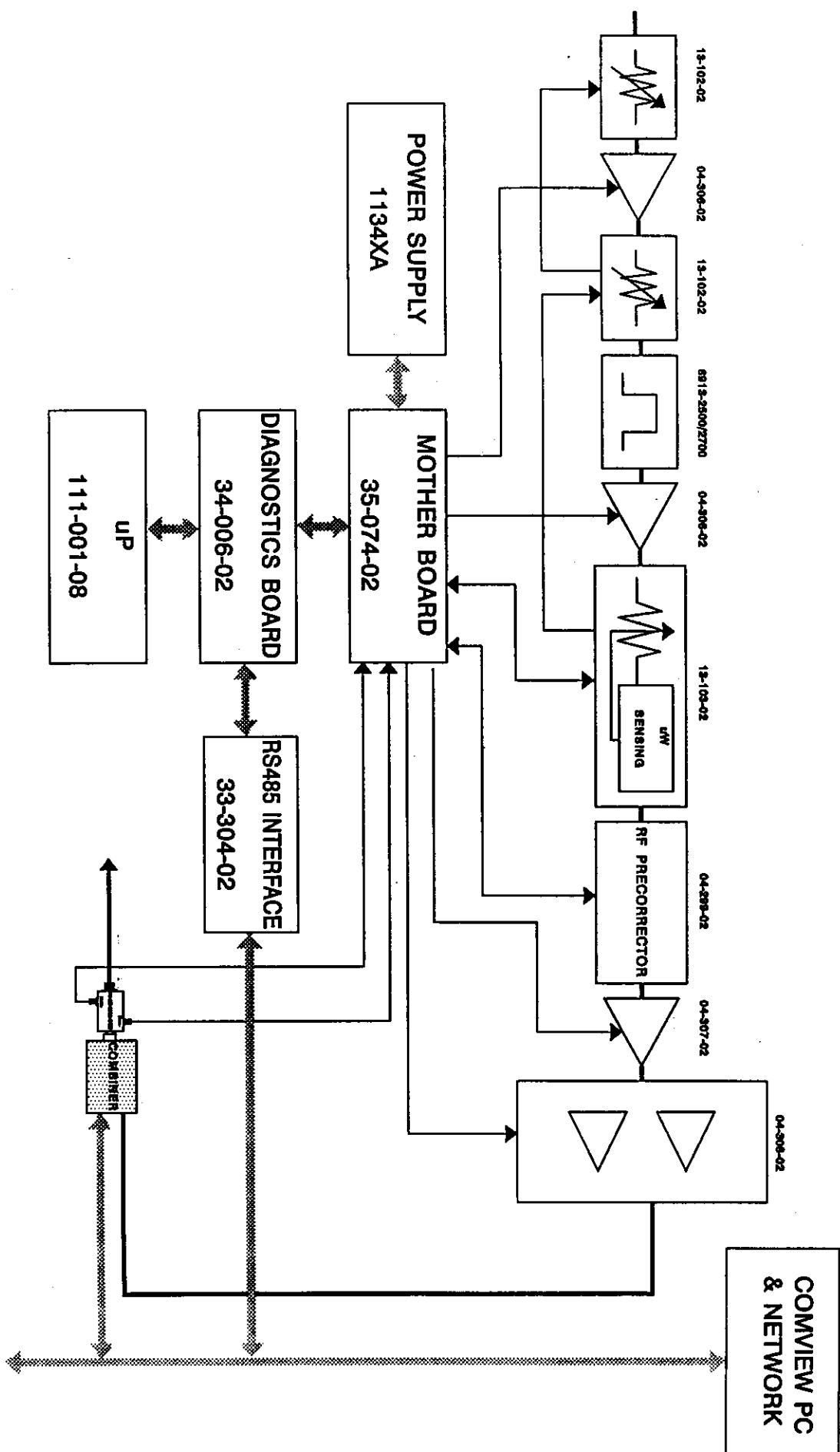
Table A-2

Transmitter Output Power (Watts)				48 Volts to 10 Volt/Amps
Fixed Digital	Fixed Analog	Agile Digital	Agile Analog	
50	200	40	120	0.35
100	300	80	240	0.70
125	375	100	300	0.87
150	450	120	360	1.05
175	525	140	420	1.22
200	600	160	480	1.40
HPB250	HPB250-A			0.35
HPB500	HPB500-A			0.70
HPB1000	HPB1000-A			1.40

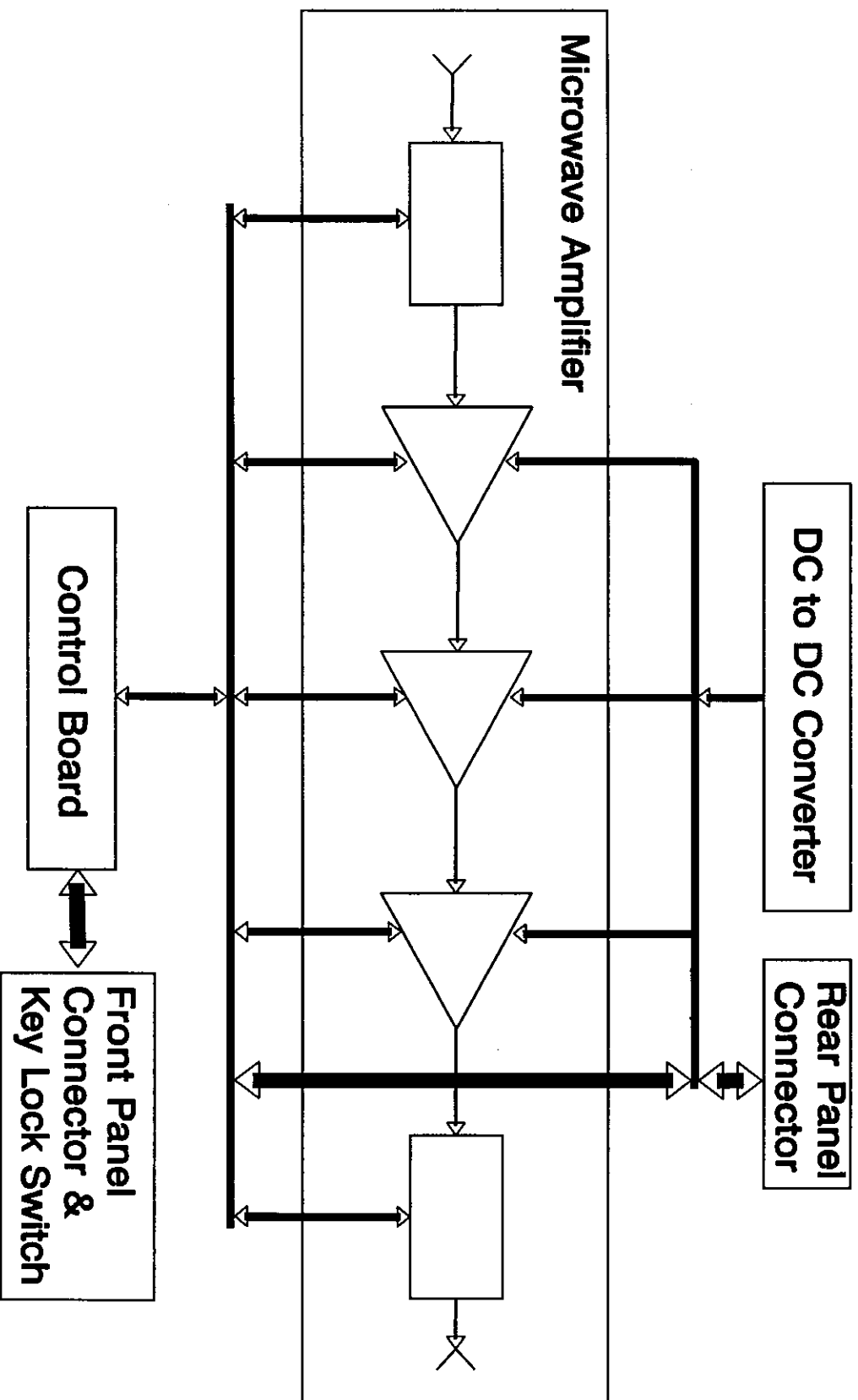
DC Power Interconnection Block Diagram



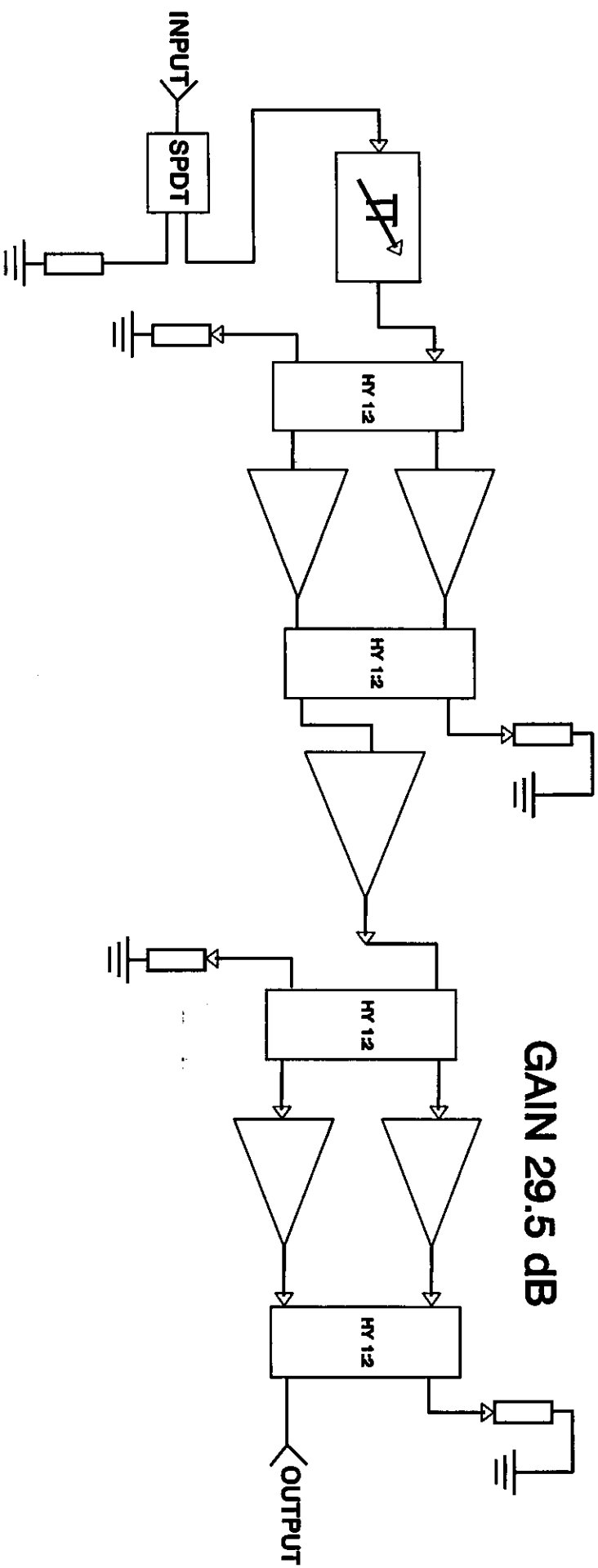
HPB DRIVER BLOCK DIAGRAM



POWER AMPLIFIER SEGMENT BLOCK DIAGRAM



Power Amplifier Segment Block Diagram



[illegible]

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POWER SUPPLY BLOCK DIAGRAM

