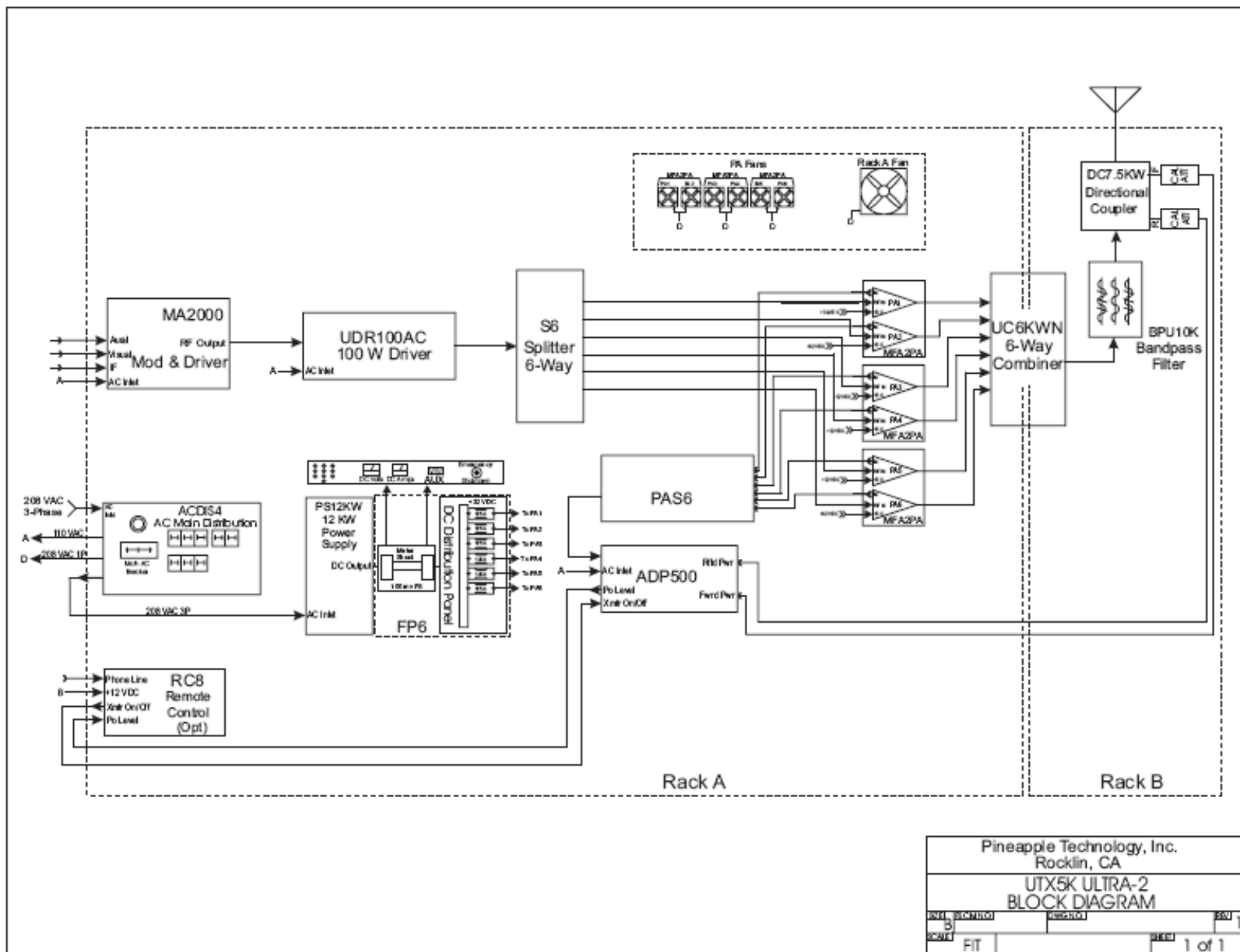
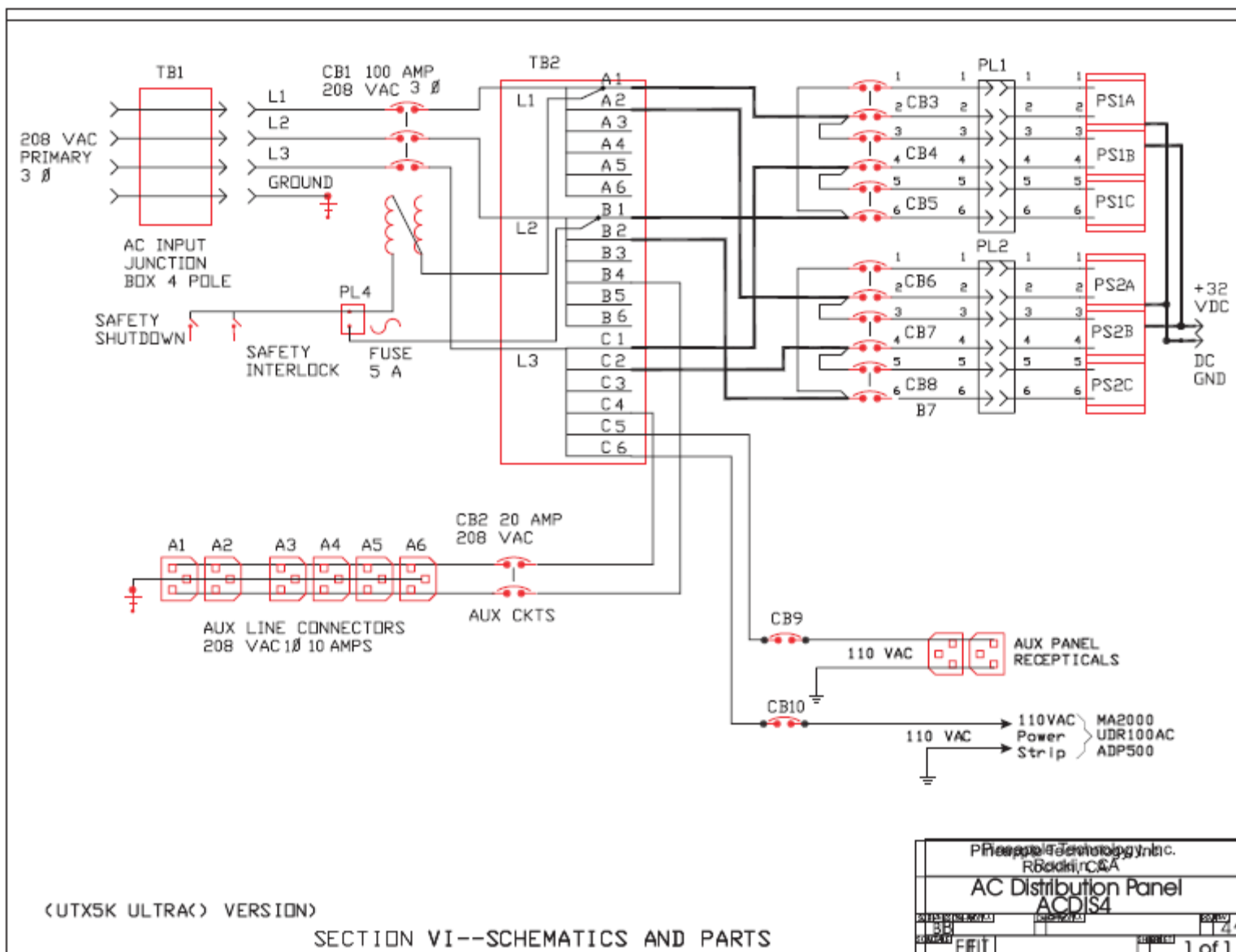


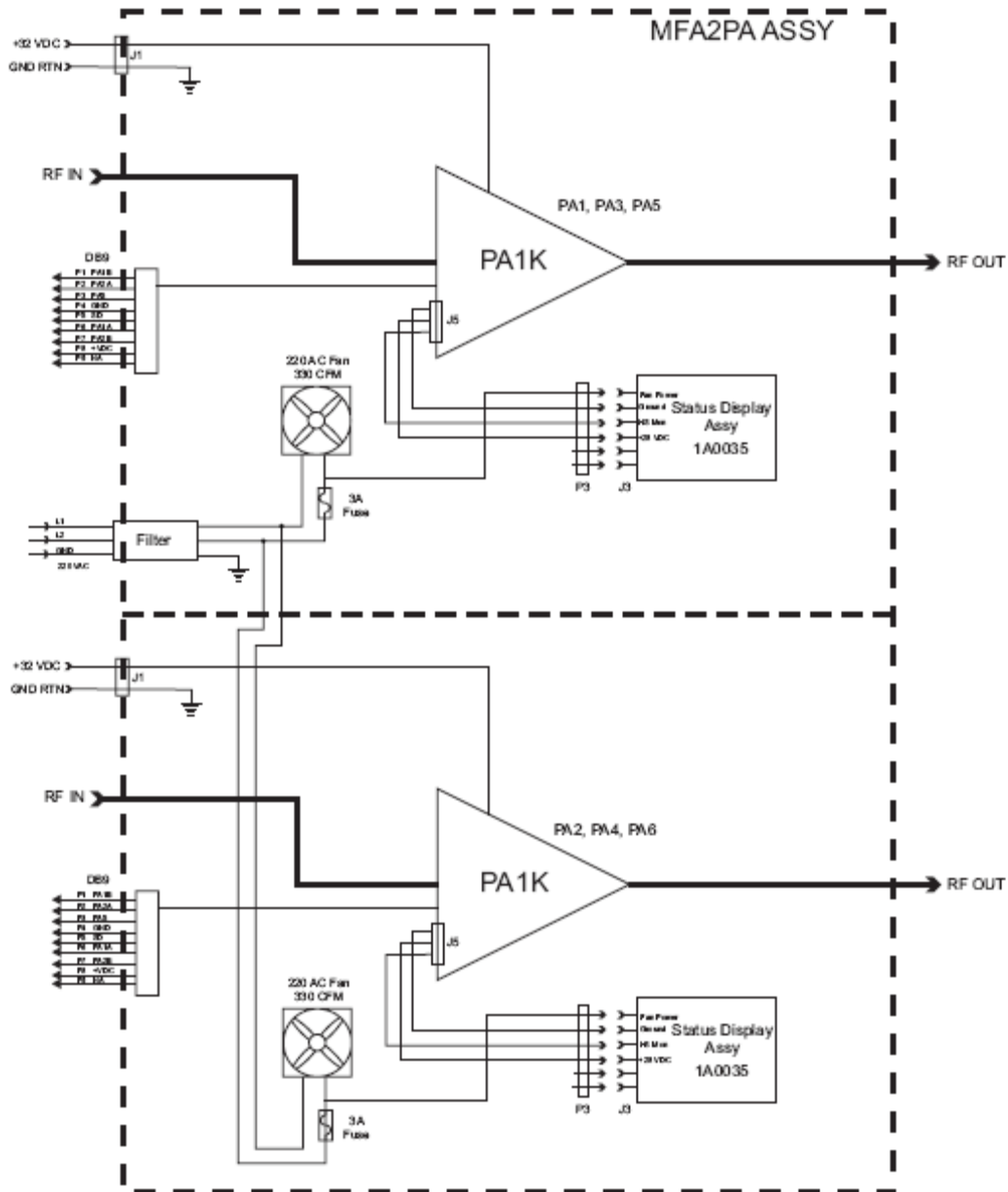
## SCHEMATICS FOR THE UTX5K ULTRA-2

The following pages provide schematic information for the overall UTX5K ULTRA-2 and its individual assemblies.





SECTION VI - SCHEMATICS AND PARTS  
SUB-SECTION D - UTX5K ULTRA-2

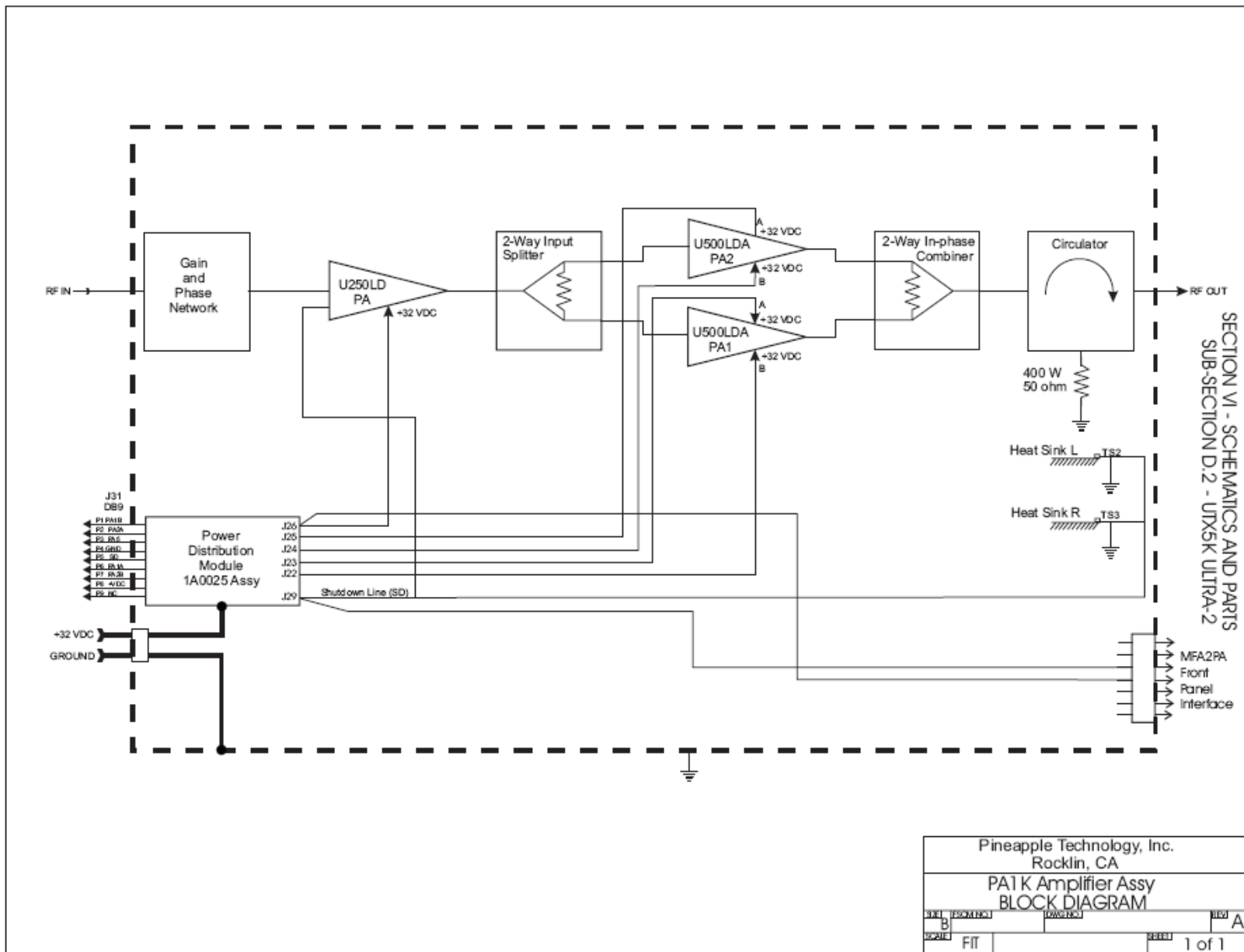


(UTX5K ULTRA-2 VERSION)

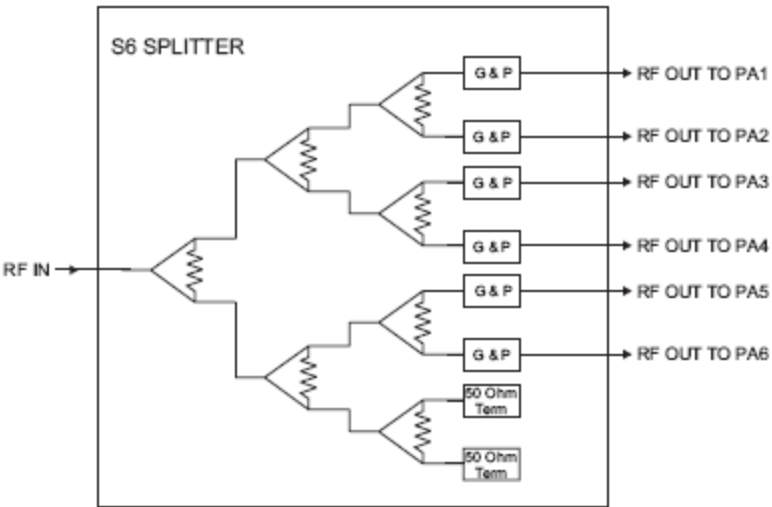
Pineapple Technology, Inc.  
Rocklin, CA

MFA2PA  
BLOCK DIAGRAM

| REV | DESCRIPTION | DATE | BY |
|-----|-------------|------|----|
| 1   | FIT         |      | A  |



SECTION VI - SCHEMATICS AND PARTS  
SUB-SECTION E - UTX5K ULTRA-2



|                            |     |             |             |
|----------------------------|-----|-------------|-------------|
| Pineapple Technology, Inc. |     |             |             |
| Rocklin, CA                |     |             |             |
| S6 SPLITTER                |     |             |             |
| BLOCK DIAGRAM              |     |             |             |
| PA1                        | PA2 | PA3         | PA4         |
| PA5                        | PA6 | 50 Ohm Term | 50 Ohm Term |

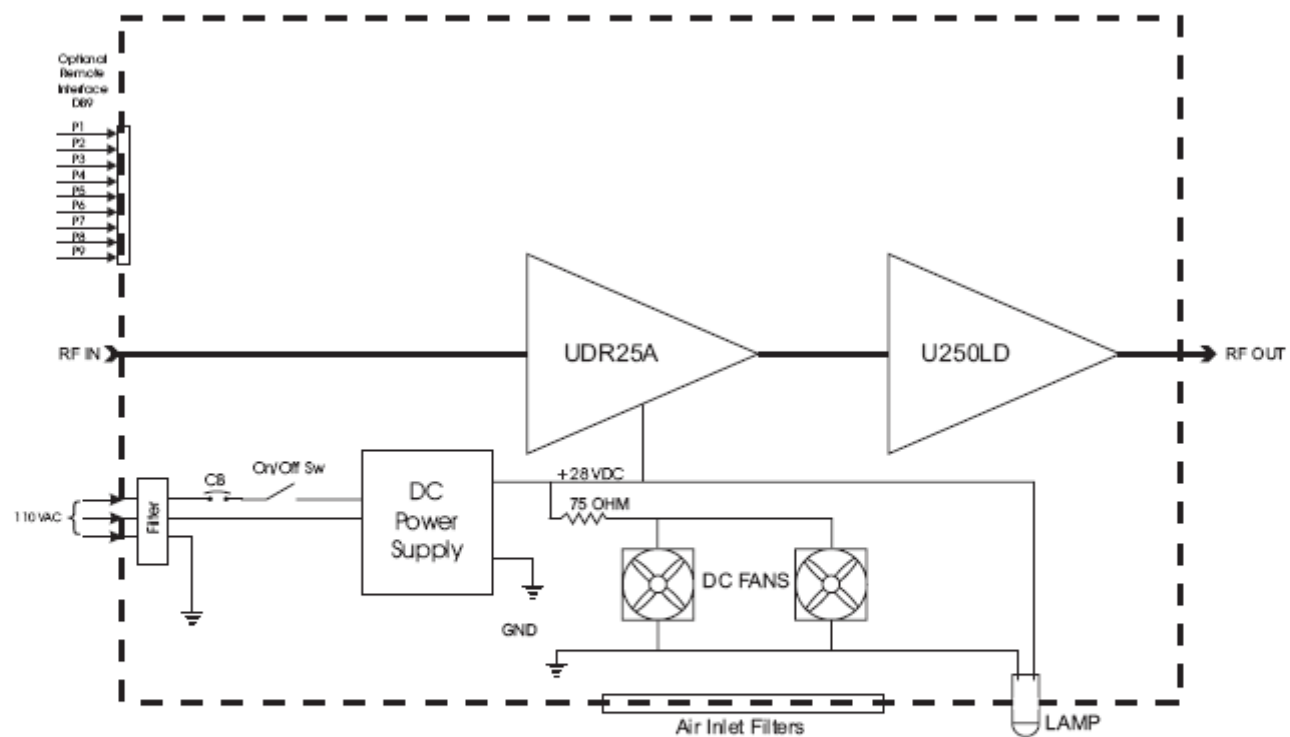
SECTION VI - SCHEMATIC AND PARTS LISTS  
SUB-SECTION F - UTX5K ULTRA-2



No Serviceable Parts

|                            |             |      |    |
|----------------------------|-------------|------|----|
| Pineapple Technology, Inc. |             |      |    |
| Rocklin, CA                |             |      |    |
| UC6KWN 6-WAY COMBINER      |             |      |    |
| CIRCUIT DIAGRAM            |             |      |    |
| REV                        | DESCRIPTION | DATE | BY |
| 0001                       |             |      |    |
|                            |             |      |    |

SECTION V-PARTS AND VENDORS  
SUBSECTION C-UTX9K ULTRA-2



|                            |      |          |        |
|----------------------------|------|----------|--------|
| Pineapple Technology, Inc. |      |          |        |
| Rocklin, CA                |      |          |        |
| UDR100AC AMP/DRIVER        |      |          |        |
| BLOCK DIAGRAM              |      |          |        |
| REV                        | DATE | BY       | APP    |
| 1                          | 1/1  | 1        | A      |
| SCALE                      | 1:1  | REVISION | 1 of 1 |

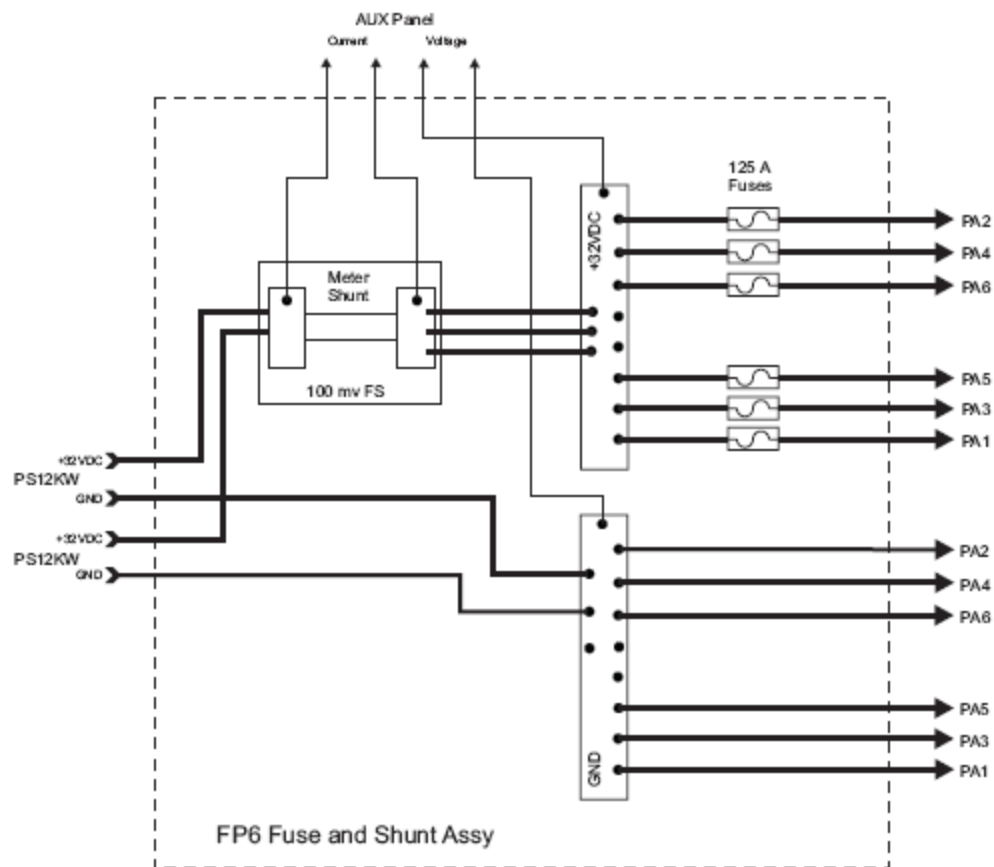
SECTION VI - SCHEMATIC AND PARTS LISTS  
SUB-SECTION G - UTX5K ULTRA-2



No Serviceable Parts

|                            |             |      |       |
|----------------------------|-------------|------|-------|
| Pineapple Technology, Inc. |             |      |       |
| Rocklin, CA                |             |      |       |
| DC7KW Directional Coupler  |             |      |       |
| CIRCUIT DIAGRAM            |             |      |       |
| SIZE                       | DESCRIPTION | DATE | REV   |
| SCALE                      |             |      | SHEET |

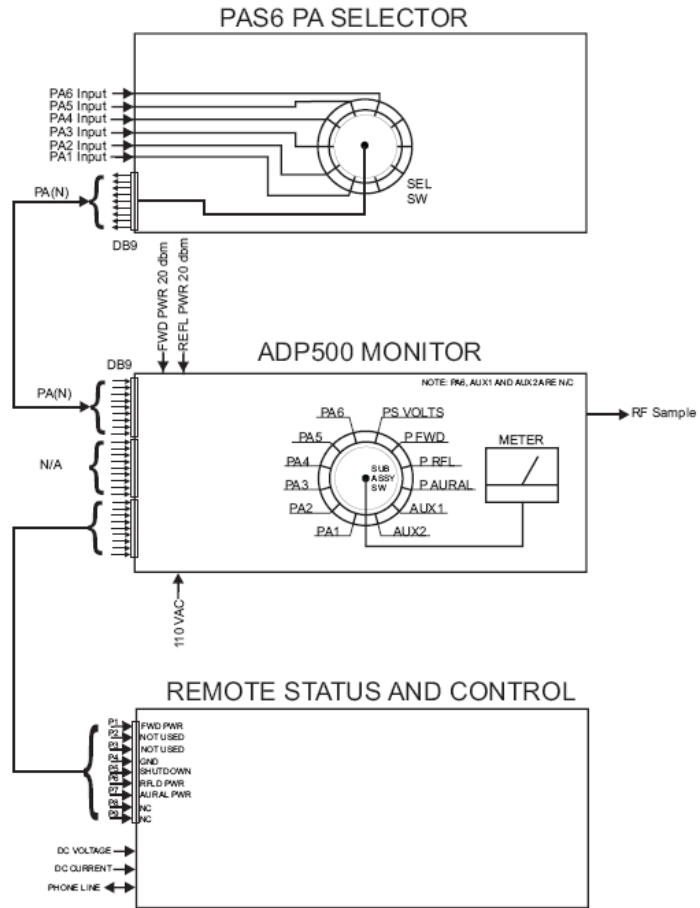
SECTION VI - SCHEMATICS AND PARTS  
SUB-SECTION K - UTX5K ULTRA-2



|                            |          |          |          |
|----------------------------|----------|----------|----------|
| Pineapple Technology, Inc. |          |          |          |
| Rocklin, CA                |          |          |          |
| FP6 Fuse and Shunt Panel   |          |          |          |
| BLOCK DIAGRAM              |          |          |          |
| REV                        | DATE     | BY       | CHK      |
| 001                        | 01/01/01 | 01/01/01 | 01/01/01 |

## SECTION VI - SCHEMATICS AND PARTS

### SUB-SECTION I - UTX5K ULTRA-2

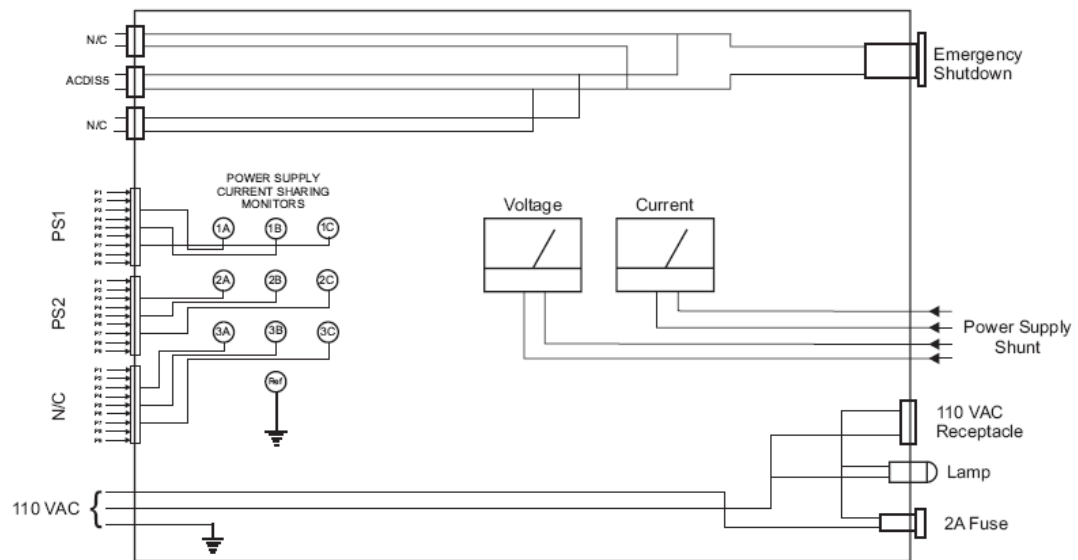


Pineapple Technology, Inc.  
Rocklin, CA

### PAS6 AND ADP500 BLOCK DIAGRAM

| REV   | DESCRIPTION | DATE | BY |
|-------|-------------|------|----|
| SCALE |             |      |    |

SECTION VI - SCHEMATICS AND PARTS  
SUB-SECTION J - UTX5K ULTRA-2

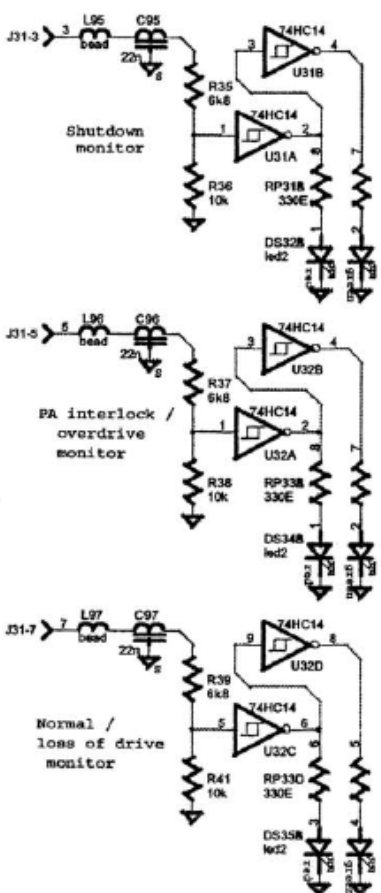
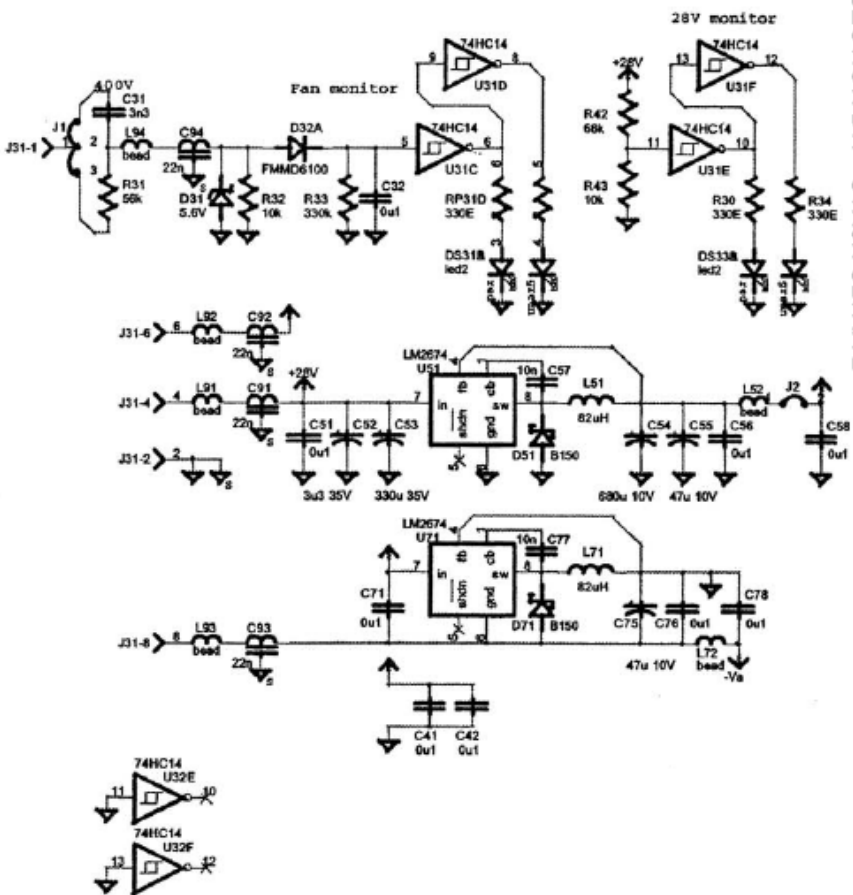


Pineapple Technology, Inc.  
Rocklin, CA

AUX PANEL  
BLOCK DIAGRAM

|       |          |       |       |
|-------|----------|-------|-------|
| DATE  | DESIGNED | DRAWN | REV   |
| SCALE |          |       | SHEET |

SECTION VI - SCHEMATICS AND PARTS  
SUB-SECTION D.1 - UTX5K ULTRA-2



Pineapple Technology, Inc.  
Rocklin, CA  
1A0035 STATUS BOARD  
CIRCUIT DIAGRAM

|        |        |        |        |
|--------|--------|--------|--------|
| 1A0035 | 1A0035 | 1A0035 | 1A0035 |
| 1A0035 | 1A0035 | 1A0035 | 1A0035 |
| 1A0035 | 1A0035 | 1A0035 | 1A0035 |
| 1A0035 | 1A0035 | 1A0035 | 1A0035 |