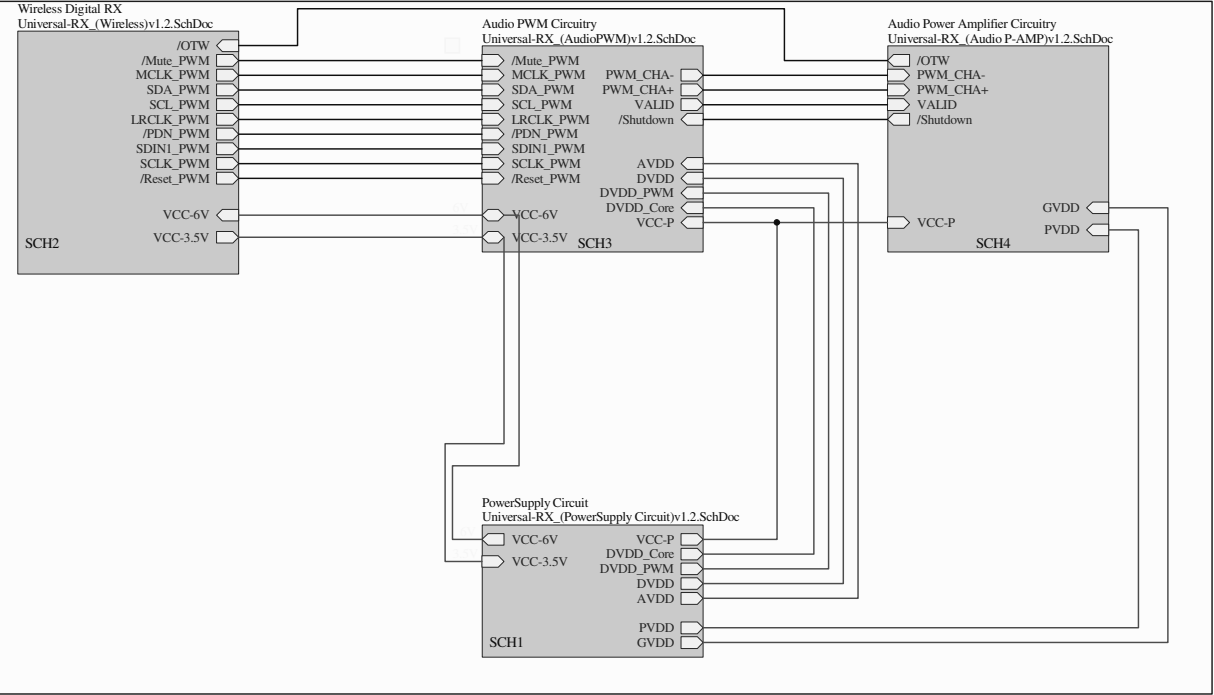


Universal-RX PCB



Notes:

 RF_GND is RF Ground

 GND is Digital Ground.

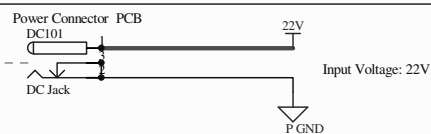
 AVSS is Analog Ground for PWM PLL.

 P_GND is DC-DC Ground.

| | | | | | | |
|---------------------------|-----------------------|--------------|--------------------------|--------------------|--|---|
| Drawn By: Keith Shum | Checked By: MW Chiang | Approved By: | Title: Universal-RX Main | | GP Electronics (HK) LTD Unit 201-207 2/F, Wireless Center 3 Science Park, East Avenue Hong Kong Science Park Shatin, Hong Kong |  |
| | | | Part: SCH Top | Revision: Ver. 1.2 | | |
| | | | Date: 21th December 2006 | Sheet 1 of 5 | | |
| File: Universal-RX.SchDoc | | | | | | |

AC-DC adaptor
Input Voltage: 110VAC to 240VAC
Constant Power: 60Wrms

Output Voltage: 22V 2.7A



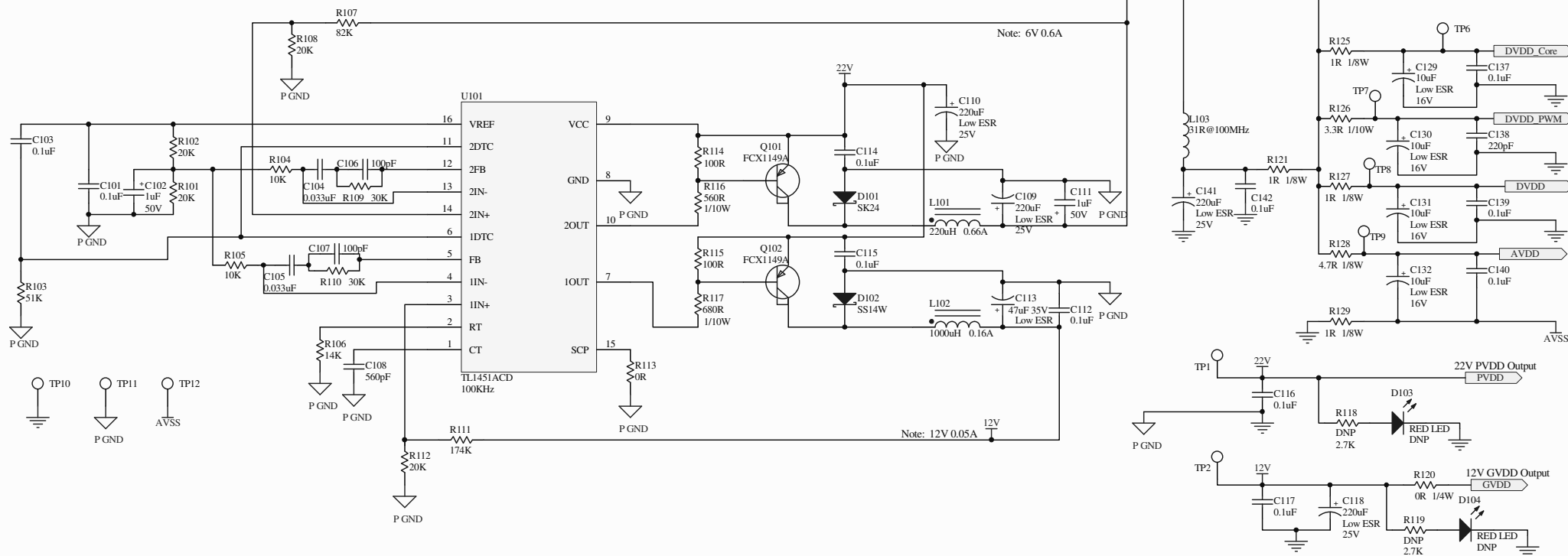
Notes:

RF_GND RF_GND is RF Ground

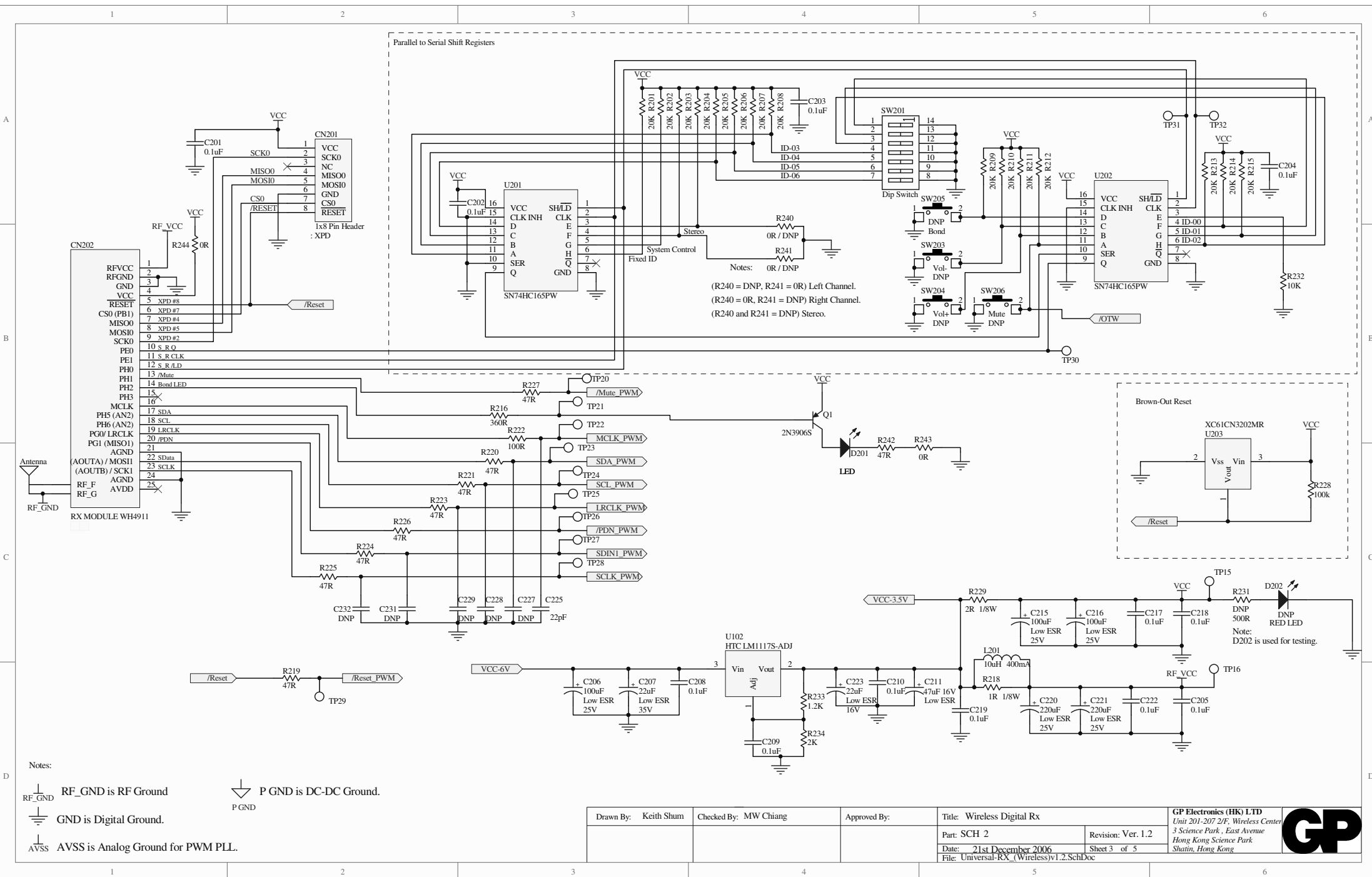
GND GND is Digital Ground.

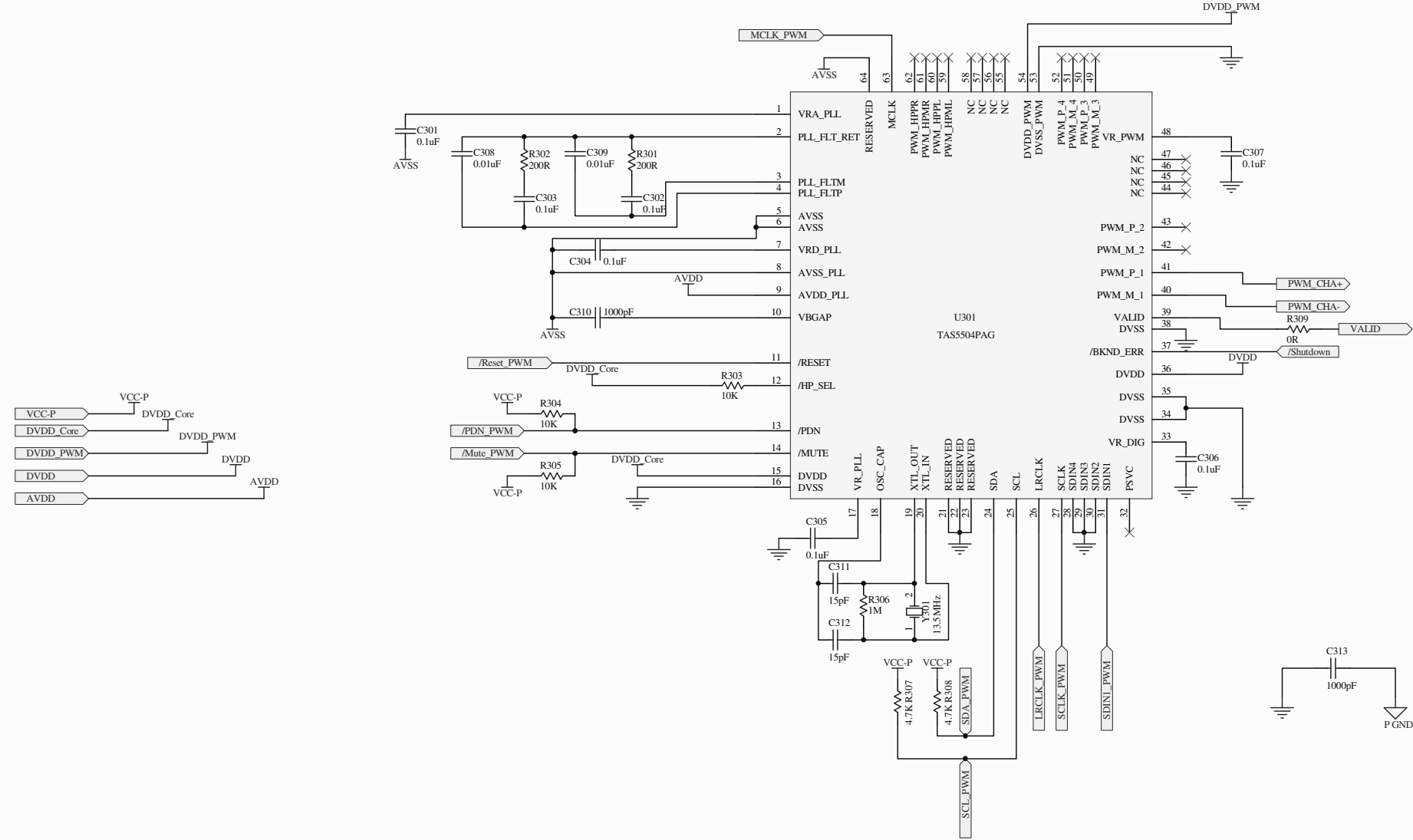
AVSS AVSS is Analog Ground for PWM PLL.

P GND P GND is DC-DC Ground.



| | | | | | |
|----------------------|-----------------------|--------------|--|--|--|
| Drawn By: Keith Shum | Checked By: MW Chiang | Approved By: | Title: Power Supply Circuitry | GP Electronics (HK) LTD Unit 201-207 2/F, Wireless Center 3 Science Park, East Avenue Hong Kong Science Park Shatin, Hong Kong | |
| | | | Part: SCH 1 | Revision: Ver. 1.2 | |
| | | | Date: 21st December 2006 | Sheet 2 of 5 | |
| | | | File: Universal-RX (PowerSupply Circuit) v1.2.SchDoc | | |






Notes:

RF_GND is RF Ground

GND is Digital Ground.

AVSS is Analog Ground for PWM PLL.

P GND is DC-DC Ground.

| | | | | | | |
|----------------------|-----------------------|--------------|--|--------------------|--|---|
| Drawn By: Keith Shum | Checked By: MW Chiang | Approved By: | Title: Audio PWM Circuitry | | GP Electronics (HK) LTD Unit 201-207 2/F, Wireless Center 3 Science Park, East Avenue Hong Kong Science Park Shatin, Hong Kong |  |
| | | | Part: SCH 3 | Revision: Ver. 1.2 | | |
| | | | Date: 21st December 2006 | Sheet 4 of 5 | | |
| | | | File: Universal-RX_(AudioPWM)v1.2.SchDoc | | | |

1

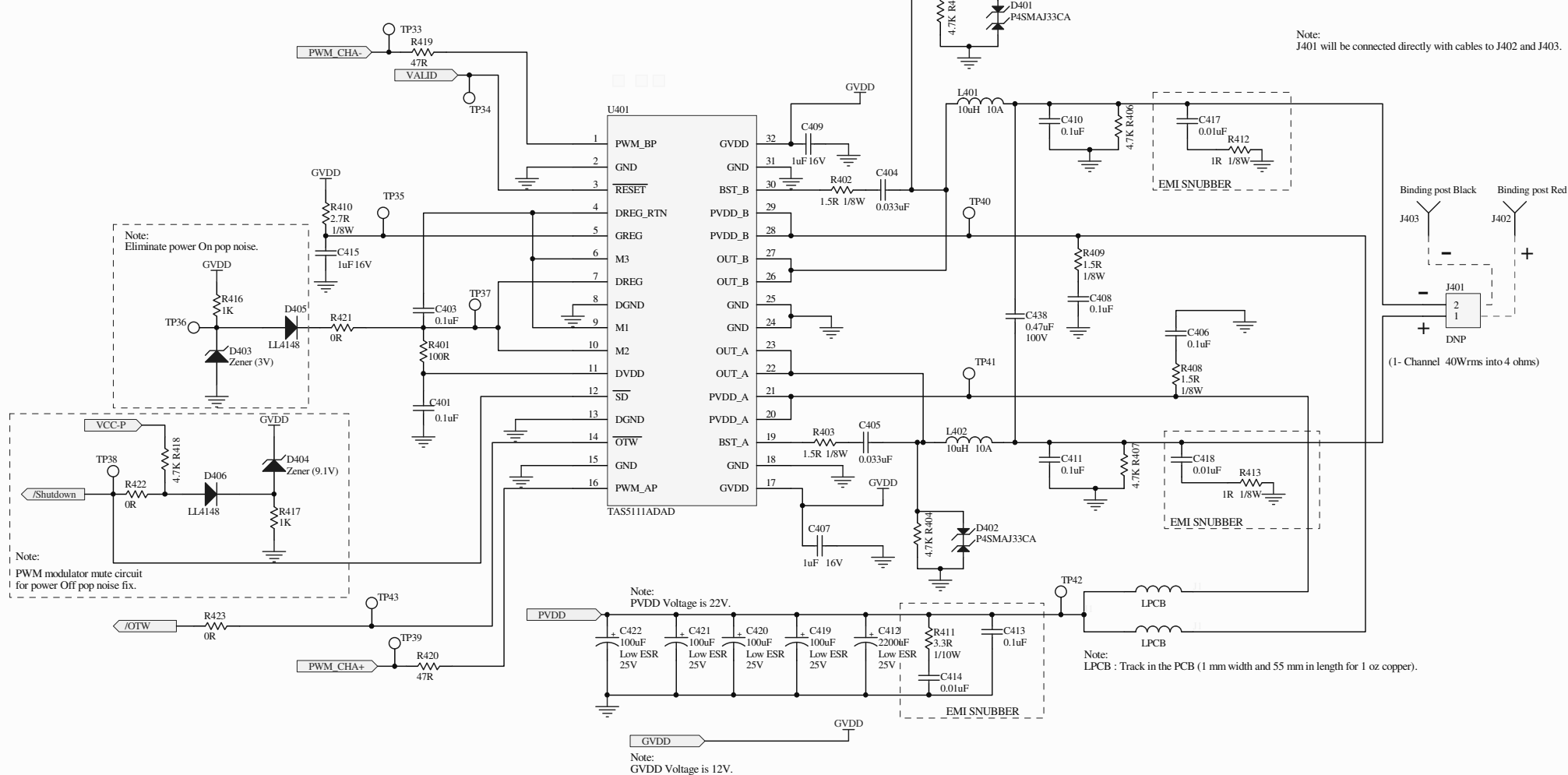
2

3

4

5

6



1

2

3

4

5

6


Notes:

\downarrow RF_GND RF_GND is RF Ground

\downarrow P GND P GND is DC-DC Ground.

\downarrow GND GND is Digital Ground.

\downarrow AVSS AVSS is Analog Ground for PWM PLL.

| | | | | | | |
|----------------------|-----------------------|--------------|---|--------------------|--|---|
| Drawn By: Keith Shum | Checked By: MW Chiang | Approved By: | Title: Audio Power Amplifier Circuitry | | GP Electronics (HK) LTD Unit 201-207 2/F, Wireless Center 3 Science Park, East Avenue Hong Kong Science Park Shatin, Hong Kong |  |
| | | | Part: SCH 4 | Revision: Ver. 1.2 | | |
| | | | Date: 21st December 2006 | Sheet 5 of 5 | | |
| | | | File: Universal-RX (Audio P-AMP)v1.2.SchDoc | | | |