| | END OF BOARD NEAREST POWER SWIT | | s for connection to | none pane | |
|---|--|--|---|--------------------------|--|
| D | USND □ J14-1 | HPF_SWOUT_CH1 □→→→→ J18-9 (10) | PHASE_SWOUT_CH5 □→→→ J22-7 (6) | | |
| | DGND DGND DGND J14-2 (1,11.12,15,14,15,16,17,18) | N.C. > J18-10 CHGND_2 C787 -1UF | HPF_OUTPUT_CH5 (6) J22−8 | | |
| | +5v (1,11,12,13,14,15,16,17,18) → J14−3 | CHGND_2 (1,8,9,15) AGND_CH2 J18-11 (3,10,11,15) | SPLITOUT_CH5 (0.13) J22-9 | | |
| | +5y | GAIN_SND_CH2 > J18-12 | Сномо_2 С795 .1uF | | |
| | FPGA_LED_32KHZ C > J14-5 | GAIN_RET_CH2 J18-13 | (1,8,9,15) (1,8,9,15) AGND_CH6 J23-1 (7,13,15) | | |
| | FPGA_LED_44.1KHZ > J14-6 | PHNT_CNTRL_CH2 J18-14 | GAIN_SND_CH6 J23-2 | | |
| | FPGA_LED_48XHZ >> J14-7 | PHASE_0_CH2 > J18-15 | $\begin{array}{c} \text{GAIN}_{\text{RET}_CH6} & \longrightarrow & \text{J23-3} \\ \text{(7)} & \end{array}$ | | |
| | FPGA_LED_88.2XHZ □→→→→ J14-8 (16) | PHASE_180_CH2 > J18-16 | $\begin{array}{c} \text{PHNT_CNTRL_CH6} & \longrightarrow & J23-4 \\ \hline & \hline & \hline \end{array}$ | | |
| | FPGA_LED_96KHZ [J14-9 (16) | PHASE_SWOUT_CH2 J18-17 | PHASE_0_CH6 □→→ J23-5 | | |
| | FPGA_LED_176.4KHZ J14-10 | HPF_OUTPUT_CH2 D J18-18 | PHASE_180_CH6 □ → J23-6 | | |
| | FPGA_LED_192KHZ □→→→→ J17−1 (16) | HPF_SWOUT_CH2 | PHASE_SWOUT_CH6 J23-7 | | |
| | FPGA_LED_EXTERNAL > J17-2 | N.C. ≥ J18-20 | HPF_0UTPUT_CH6 (7) → J23-8 | | |
| | FFGA_LED_LOCK D J17-3 | (1,8,9,15) (4,12,15) (4,12,15) | SPLITOUT_CH6 | | TON CAP (7MM) "LINE" WHITE BUITOM |
| | +3.3V> J17-4 | GAIN_SND_CH3 > J20-2 | $\begin{array}{c} \text{N.C.} > J23-10\\ \text{(1,8,9,15)} \end{array}$ | B2 RND BUT B3 0012143 | -04 TON CAP (7MM) "LINE" WHITE BOTTOM -04 TON CAP (7MM) "LINE" WHITE BOTTOM |
| | +3.3V ->>> J17-5 | GAIN_RET_CH3 | (1,8,9,15) (1,8,9,15) (8,14,15) J23-11 | B6 0012143 | TON CAP (7MM) "LINE" WHITE BOTTOM -04 TON CAP (7MM) "LINE" WHITE BOTTOM |
| | ENCODER_BITO J17-6 | PHNT_CNTRL_CH3 | GAN_SND_CH7 □→→ J23-12 (8) | В7 🗌 0012143- RND BUT | -04 TON CAP (7MM) "LINE" WHITE BOTTOM |
| | ENCODER_BITI | PHASE_0_CH3 □→→ J20-5 [4] | GAIN_RET_CH7 (> J23-13 (8) | | -04 TON CAP (7MM) "LINE" WHITE BOTTOM |
| | ENCODER_BIT2 J17-8 | PHASE_180_CH3 □→→ J20-6 | PHNT_CNTRL_CH7> J23-14 (8) | B11 0012143- | -04 TON CAP (7MM) "LINE" WHITE BOTTOM -04 |
| | SW_24_TE | PHASE_SWOUT_CH3 J20-7 | PHASE_0_CH7 | RND BUT | TON CAP (7MM) "LINE" WHITE BOTTOM |
| | +15V_M J17-10 | HPF_OUTPUT_CH3 > J20-8 | PHASE_180_CH7 | | |
| | +15V_M □→→→→→→→→→→ J17−11 (1,5) | SPLITOUT_CH3 | PHASE_SW0UT_CH7 | | |
| | +15V_M []>>> J17-12 | CHGND_2 □ □ 0793 | HPF_OUTPUT_CH7 | | |
| | MGND J17-13 | (1,8,9,15) AGND_CH4 J21-1 (5,12,15) | SPLITOUT_CH7> J23-19 (8.14) | | |
| | uGND □→→→→ J17−14 (1,15) | GAIN_SND_CH4 > J21-2 | CHOND_2 C797 .1uF N.C. ≥ J23-20 | | |
| | MGND J17-15 | GAIN_RET_CH4 | (1,8,9,15) AGND_CH8 J24-1 (9,14,15) | | |
| | -15V_M [] J17-16 | phnt_cntrl_ch4 | $\begin{array}{c c} \text{GAIN_SND_CHB} & \longrightarrow & \text{J24-2} \\ (9) & & \end{array}$ | | |
| | -15V_M []>>> J17-17 | PHASE_0_CH4 □→→→ J21-5 [5] | GAIN_RET_CHB J24-3 | | |
| | -15V_M []> J17-18 | PHASE_180_CH4 > J21-6 | PHNT_CNTRL_CH8 J24-4 | | |
| | POND> J17-19 | PHASE_SWOUT_CH4 J21-7 | PHASE_0_CH8 □ → J24-5 | | |
| | $\begin{array}{c} \text{Pond} & \text{Pond} &$ | HPF_OUTPUT_CH4 > J21-8 | PHASE_180_CH8 □ → J24-6 | | |
| | CHGND_2 C592 . (UF VICE) (1.6,9.15) AGND_CHI _ J18-1 (2.6,9.15) | SPLITOUT_CH4 | PHASE_SWOUT_CH8 J24-7 | | |
| | GAIN_SND_CH1 J18-2 | $\begin{array}{c} \text{CHOND}_{2} \\ (1,8,9,15) \\ \text{CHOND}_{2} \\ (1,8,9,15) \\ \text{CHOND}_{2} \\ C$ | HPF_OUTPUT_CH8 J24-8 | | |
| | GAIN_RET_CH1 J18-3 | CHGND_2 [1,8,9,15] AGND_CH5 J22-1 [6,13,15] | SPLITOUT_CH8 J24-9 (9,14) | | |
| | PHNT_CNTRL_CH1 J18-4 | GAIN_SND_CH5 J22-2 | N.C. ≥ J24-10 | | Z100 DCB FAB Onyx 800R Main |
| • | PHASE_0_CH1 J18-5 | GAIN_RET_CH5 | | | |
| | PHASE_180_CH1 J18-6 | $PHNT_CNTRL_CH5 \longrightarrow J22-4$ (6) | END OF BOARD NEAR HI-Z INPUTS. | <u>ത്ര</u> ാന് | 04 MACKIE DESIGNS INC. |
| | PHASE_SWOUT_CN1 J18-7 | $PHASE_0_CH5 \longrightarrow J22-5$ (6) | | AL | L RIGHTS RESERVED |
| | (2) HPF_OUTPUT_CH1 → J18-8 | [6] PHASE_180_CH5 □→→ J22-6 [6] | | IS | E INFORMATION CONTAINED HEI PROPRIETARY AND CONFIDENTI |
| | 8 7 | 6 6 | 5 | PR | OPERTY OF MACKIE DESIGNS II |
| | | | logies Inc. All rights reserved | · | Main B |

Headers for connection to front panel PCB.

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| | | ROVALS | DATE | | | | | | | | | |
|------------|-----------|--------|----------|----------|-----------------|---------|------|------------|--------|-----|-------------|---|
| | DRAWN: | SDPL | 12/09/03 | | | | S | | | 0 | | |
| | CHECKE | D: | | Mac | kie Desi | gns Ind | c. V | loodinvill | e, Wa. | | | Α |
| | NP ENG | : | | | | | | | | | | |
| | MATERIAL: | | | | ONYX 800R: MAIN | | | | | | | |
| | MFG: | | | 1 | | | | | | | | |
| REIN AL | MFG EN | | | SIZE SCA | NONE | DWG. NO | SC | H0007 | 715-0 | 00 | REV. B00 | |
| ٧C. | ISSUED: | | | DWG FILI | E: | | | | SHEET | 1 0 |)F 18 | |
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| soa | rd S | chem | natics | | | | | PAG | E 1 | | | |
| | | | | | | | | | | | | |

| B10 0012 | 143-06 BUTTON | CAP | (7MM) | "GUITAR" | (symb | ol) W | HITE B | оттом |
|-----------------|-------------------|-----|--------|----------|-------|-------|--------|--------|
| B12 0012 RND | 2143-06 BUTTON | CAP | (7MM) | "GUITAR" | (symb | ol) W | HITE B | OTTOM |
| B13 0012 RND | 2143-07 | CAR | (7)(M) | CONTROL | CRAY | TOP | WUITE | POTTON |
| B14 0012 RND | 2143-07 BUTTON | CAP | (7MM) | CONTROL | GRAY | тор | WHITE | воттом |
| B15 0012 RND | 2143-07 BUTTON | CAP | (7MM) | CONTROL | GRAY | ТОР | WHITE | воттом |
| B16 0012 RND | 2143-07 BUTTON | САР | (7MM) | CONTROL | GRAY | тор | WHITE | воттом |
| B17 0012 RND | BUTTON | CAP | (7MM) | CONTROL | GRAY | тор | WHITE | воттом |

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| | | | | | | |
| ECO# | REV: | DESCRIPTION | | | REV. BY: | DATE |
| 6935 | A00 | RELEASE TO PRODUCTION | | | KR | 4-16-04 |
| 7042 | A01 | CHANGE FPGA TO PREPROGRAMMED PART | | | SDPL | 5-13-04 |
| 7159 | B00 | CHANGE RESISTOR VALUES AND S1B LANDS | FOR | AMOI | SDPL | 7-1-04 |



































