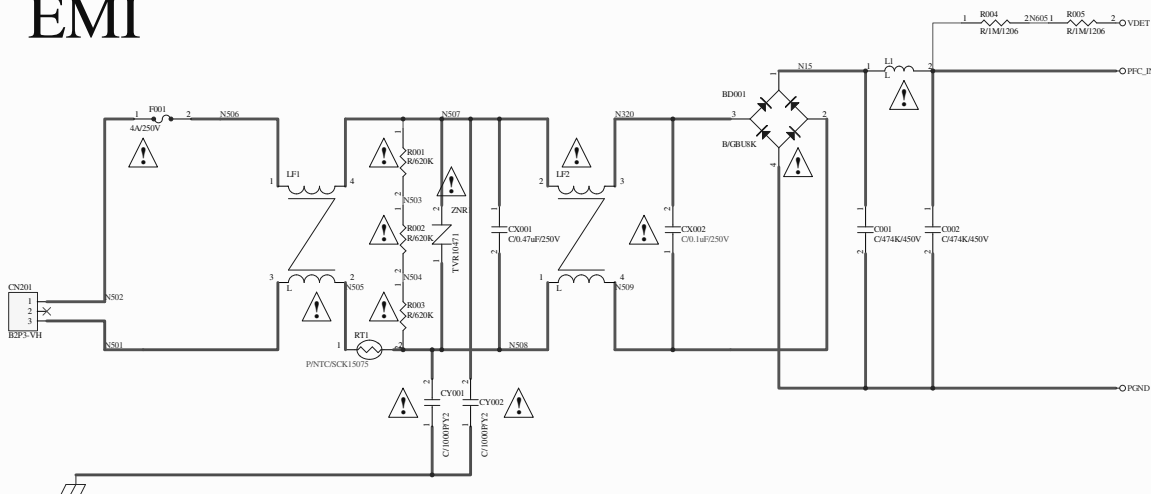
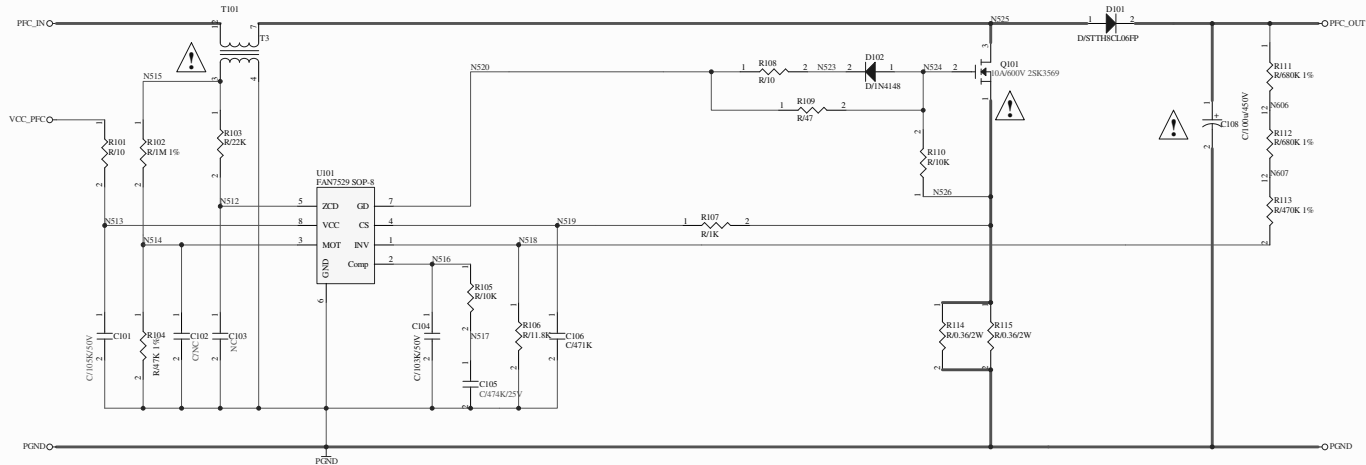


# EMI



# Power Factor Correction

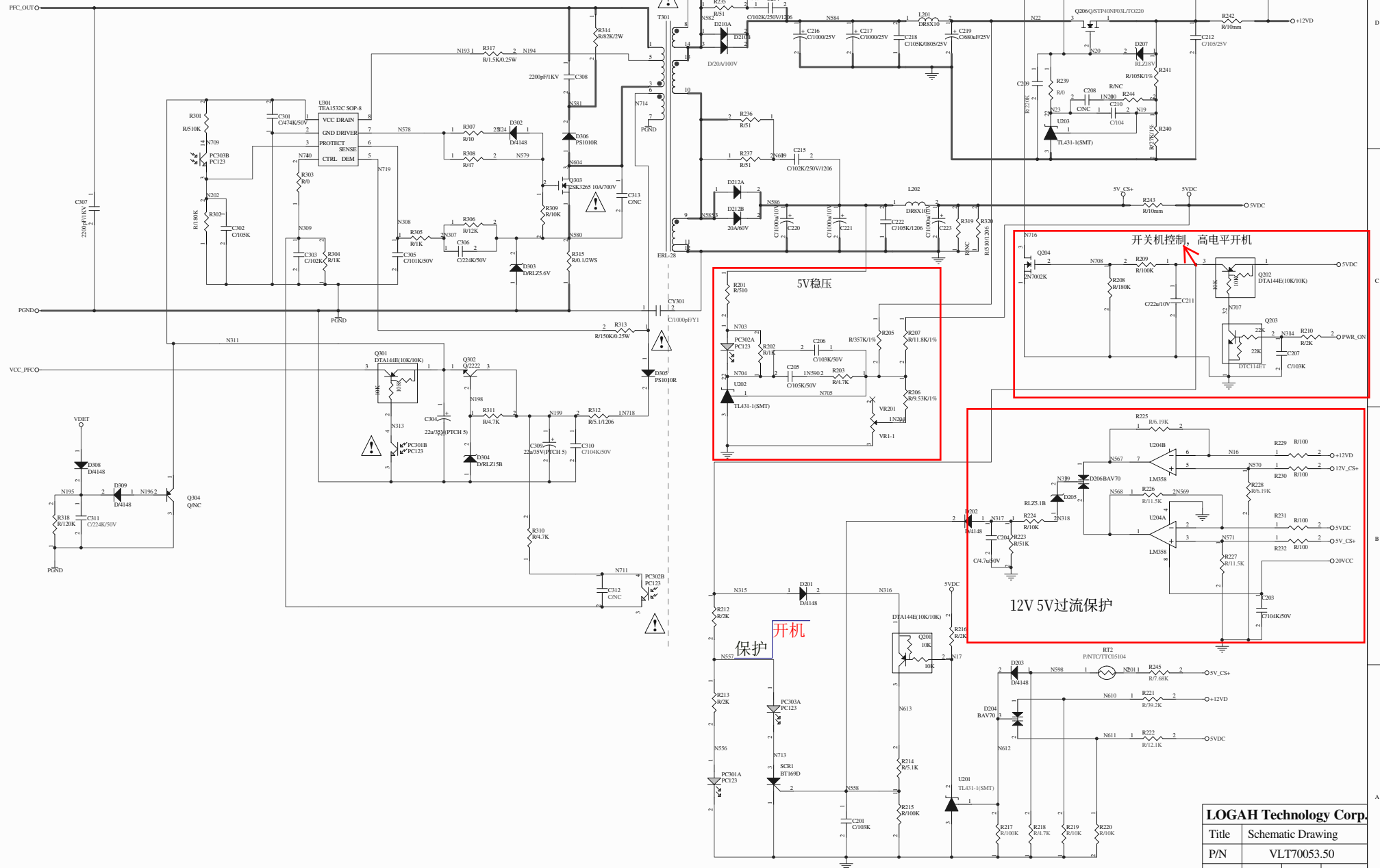
## PFC电路



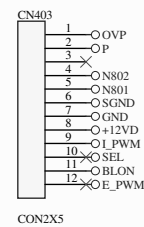
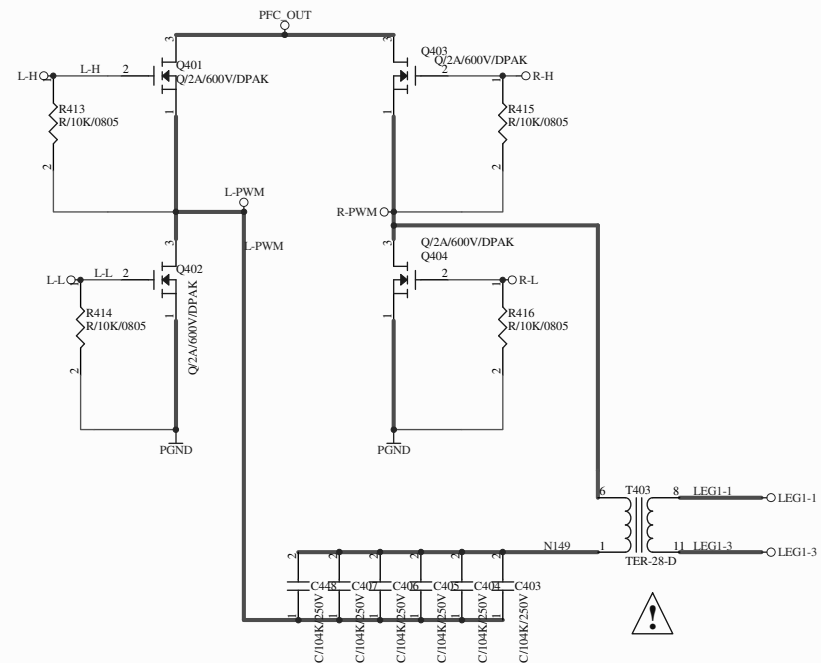
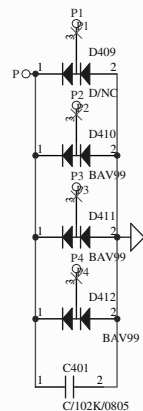
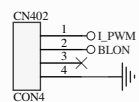
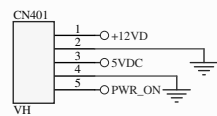
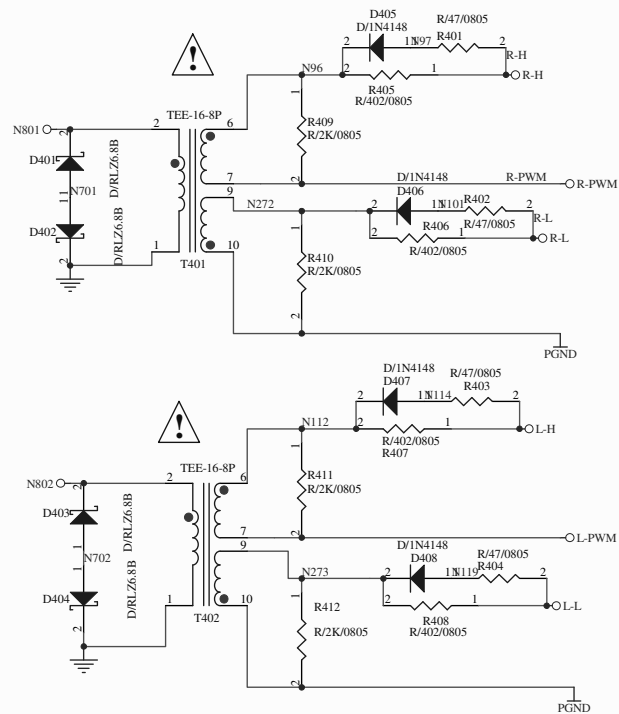
LOGAH Technology Corp.

|       |                   |       |        |
|-------|-------------------|-------|--------|
| Title | Schematic Drawing |       |        |
| P/N   | VLT70053.50       |       |        |
| Rev.  | 2                 | Sheet | 1 of 5 |
| Date  | 2007/05/17        |       |        |

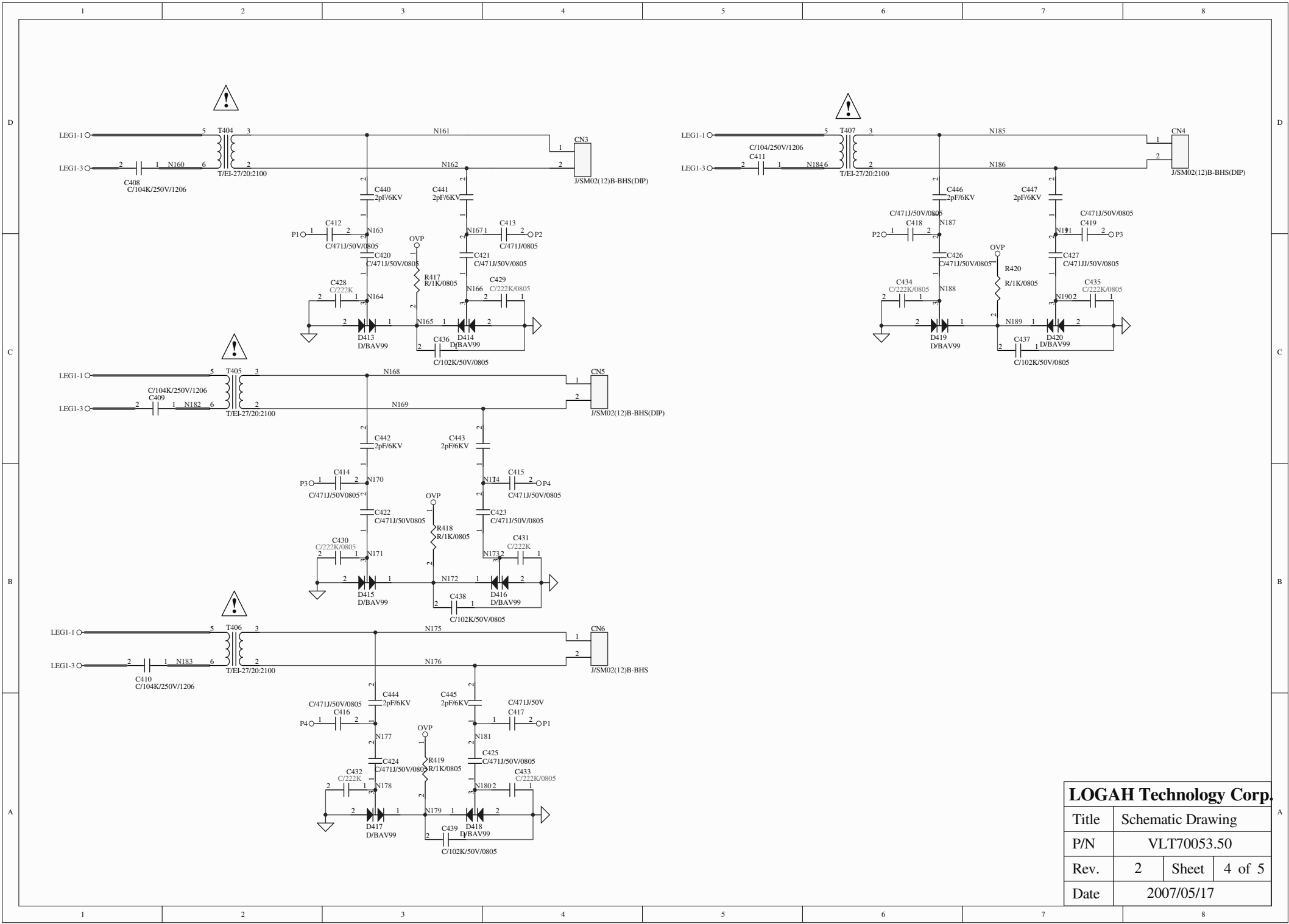
# Main Converter 12V and 5V



| LOGAH Technology Corp. |                   |       |        |
|------------------------|-------------------|-------|--------|
| Title                  | Schematic Drawing |       |        |
| P/N                    | VLT70053.50       |       |        |
| Rev.                   | 2                 | Sheet | 2 of 5 |
| Date                   | 2007/05/17        |       |        |



| LOGAH Technology Corp. |                   |       |        |
|------------------------|-------------------|-------|--------|
| Title                  | Schematic Drawing |       |        |
| P/N                    | VLT70053.50       |       |        |
| Rev.                   | 2                 | Sheet | 3 of 5 |
| Date                   | 2007/05/17        |       |        |







|   |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                               |   |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|   | 1                                                                                                                                                                                                                                                                 | 2                                                                                                                                                                                                                                                            | 3                                                                                                                                                                                                                                      | 4                                                                                                                                                                                                                                                                 | 5                                                                                                                                                                                                                                                                | 6                                                                                                                                                                                                                                                              | 7                                                                                                                                                                                                                                                                 | 8                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                               |   |
| D | TP1 N501<br>ICTPOINT<br>TP2 N502<br>ICTPOINT<br>TP3 N503<br>ICTPOINT<br>TP4 N504<br>ICTPOINT<br>TP5 N505<br>ICTPOINT<br>TP6 N506<br>ICTPOINT<br>TP7 N507<br>ICTPOINT<br>TP8 N508<br>ICTPOINT<br>TP9 N509<br>ICTPOINT<br>TP10 N512<br>ICTPOINT                     | TP11 N513<br>ICTPOINT<br>TP12 N514<br>ICTPOINT<br>TP13 N515<br>ICTPOINT<br>TP14 N516<br>ICTPOINT<br>TP15 N517<br>ICTPOINT<br>TP16 N518<br>ICTPOINT<br>TP17 N519<br>ICTPOINT<br>TP18 N520<br>ICTPOINT<br>TP19 N523<br>ICTPOINT<br>TP20 N524<br>ICTPOINT       | TP21 N525<br>ICTPOINT<br>TP22 N526<br>ICTPOINT<br>TP23 N605<br>ICTPOINT<br>TP24 N606<br>ICTPOINT<br>TP25 N607<br>ICTPOINT<br>TP26 N184<br>ICTPOINT<br>TP27 N320<br>ICTPOINT<br>TP29 N20<br>ICTPOINT<br>TP30 N22<br>ICTPOINT            | TP31 N23<br>ICTPOINT<br>TP32 N578<br>ICTPOINT<br>TP33 N579<br>ICTPOINT<br>TP34 N580<br>ICTPOINT<br>TP35 N581<br>ICTPOINT<br>TP36 N582<br>ICTPOINT<br>TP37 N583<br>ICTPOINT<br>TP38 N584<br>ICTPOINT<br>TP39 N168<br>ICTPOINT<br>TP40 N586<br>ICTPOINT             | TP42 N604<br>ICTPOINT<br>TP43 N609<br>ICTPOINT<br>TP44 N543<br>ICTPOINT<br>TP45 N544<br>ICTPOINT<br>TP46 N24<br>ICTPOINT<br>TP47 N556<br>ICTPOINT<br>TP48 N557<br>ICTPOINT<br>TP49 N558<br>ICTPOINT<br>TP50 N598<br>ICTPOINT                                     | TP51 N610<br>ICTPOINT<br>TP52 N611<br>ICTPOINT<br>TP53 N612<br>ICTPOINT<br>TP54 N613<br>ICTPOINT<br>TP55 N17<br>ICTPOINT<br>TP56 N182<br>ICTPOINT<br>TP57 N567<br>ICTPOINT<br>TP58 N568<br>ICTPOINT<br>TP59 N569<br>ICTPOINT<br>TP60 N570<br>ICTPOINT          | TP61 BLON<br>ICTPOINT<br>TP62 N307<br>ICTPOINT<br>TP63 N308<br>ICTPOINT<br>TP64 N309<br>ICTPOINT<br>TP65 N311<br>ICTPOINT<br>TP66 N313<br>ICTPOINT<br>TP67 PEC_OUT<br>ICTPOINT<br>TP68 N183<br>ICTPOINT<br>TP69 N316<br>ICTPOINT<br>TP70 N317<br>ICTPOINT         | TP71 N318<br>ICTPOINT<br>TP72 N319<br>ICTPOINT<br>TP73 N703<br>ICTPOINT<br>TP74 p<br>ICTPOINT<br>TP75 N705<br>ICTPOINT<br>TP76 N707<br>ICTPOINT<br>TP77 OVP<br>ICTPOINT<br>TP78 N709<br>ICTPOINT<br>TP79 N710<br>ICTPOINT<br>TP80 N711<br>ICTPOINT | TP81 N713<br>ICTPOINT<br>TP82 N714<br>ICTPOINT<br>TP83 N571<br>ICTPOINT<br>TP84 N716<br>ICTPOINT<br>TP85 N718<br>ICTPOINT<br>TP86 N719<br>ICTPOINT<br>TP87 N193<br>ICTPOINT<br>TP88 N194<br>ICTPOINT<br>TP89 N195<br>ICTPOINT<br>TP90 N196<br>ICTPOINT | TP91 N198<br>ICTPOINT<br>TP92 N199<br>ICTPOINT<br>TP94 N201<br>ICTPOINT<br>TP95 N202<br>ICTPOINT<br>TP96 N203<br>ICTPOINT<br>TP97 N204<br>ICTPOINT<br>TP98 L-H<br>ICTPOINT<br>TP99 L-L<br>ICTPOINT<br>TP100 L-PWM<br>ICTPOINT | D |
| C | TP101 N149<br>ICTPOINT<br>TP102 LEG1-1<br>ICTPOINT<br>TP103 LEG1-3<br>ICTPOINT<br>TP104 R-H<br>ICTPOINT<br>TP105 R-L<br>ICTPOINT<br>TP106 R-PWM<br>ICTPOINT<br>TP107 N96<br>ICTPOINT<br>TP108 N97<br>ICTPOINT<br>TP109 N101<br>ICTPOINT<br>TP110 N112<br>ICTPOINT | TP111 N114<br>ICTPOINT<br>TP112 N119<br>ICTPOINT<br>TP113 N272<br>ICTPOINT<br>TP114 N273<br>ICTPOINT<br>TP115 p1<br>ICTPOINT<br>TP116 N315<br>ICTPOINT<br>TP117 N585<br>ICTPOINT<br>TP118 p4<br>ICTPOINT<br>TP119 N701<br>ICTPOINT<br>TP120 N702<br>ICTPOINT | TP122 N185<br>ICTPOINT<br>TP123 N186<br>ICTPOINT<br>TP124 N187<br>ICTPOINT<br>TP125 N188<br>ICTPOINT<br>TP126 N189<br>ICTPOINT<br>TP127 N190<br>ICTPOINT<br>TP128 N191<br>ICTPOINT<br>TP129 N169<br>ICTPOINT<br>TP130 N170<br>ICTPOINT | TP131 +12VD<br>ICTPOINT<br>TP132 N171<br>ICTPOINT<br>TP133 N167<br>ICTPOINT<br>TP134 N172<br>ICTPOINT<br>TP135 N166<br>ICTPOINT<br>TP136 N173<br>ICTPOINT<br>TP137 N165<br>ICTPOINT<br>TP138 N174<br>ICTPOINT<br>TP139 N164<br>ICTPOINT<br>TP140 N163<br>ICTPOINT | TP141 N162<br>ICTPOINT<br>TP142 N161<br>ICTPOINT<br>TP143 N175<br>ICTPOINT<br>TP144 N160<br>ICTPOINT<br>TP145 N176<br>ICTPOINT<br>TP146 N177<br>ICTPOINT<br>TP147 N178<br>ICTPOINT<br>TP148 N179<br>ICTPOINT<br>TP149 N180<br>ICTPOINT<br>TP150 N181<br>ICTPOINT | TP151 N801<br>ICTPOINT<br>TP152 N802<br>ICTPOINT<br>TP153 N314<br>ICTPOINT<br>TP154 N15<br>ICTPOINT<br>TP155 N16<br>ICTPOINT<br>TP156 N704<br>ICTPOINT<br>TP157 5VDC<br>ICTPOINT<br>TP158 PEC_IN<br>ICTPOINT<br>TP159 p3<br>ICTPOINT<br>TP160 PGND<br>ICTPOINT | TP161 PWR_ON<br>ICTPOINT<br>TP162 p2<br>ICTPOINT<br>TP163 SGND<br>ICTPOINT<br>TP164 GND<br>ICTPOINT<br>TP165 SEL<br>ICTPOINT<br>TP166 VCC_PFC<br>ICTPOINT<br>TP167 VDET<br>ICTPOINT<br>TP168 I_PWM<br>ICTPOINT<br>TP169 FG<br>ICTPOINT<br>TP170 E_PWM<br>ICTPOINT | TP171 5V_CS+<br>ICTPOINT<br>TP172 12V_CS+<br>ICTPOINT<br>TP173 20VCC<br>ICTPOINT                                                                                                                                                                   |                                                                                                                                                                                                                                                        | C                                                                                                                                                                                                                             |   |
| B |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    | B                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                               |   |
| A |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    | A                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                               |   |
|   | 1                                                                                                                                                                                                                                                                 | 2                                                                                                                                                                                                                                                            | 3                                                                                                                                                                                                                                      | 4                                                                                                                                                                                                                                                                 | 5                                                                                                                                                                                                                                                                | 6                                                                                                                                                                                                                                                              | 7                                                                                                                                                                                                                                                                 | 8                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                               |   |