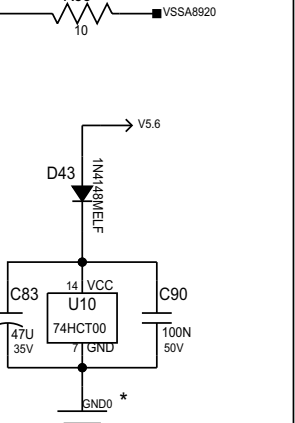
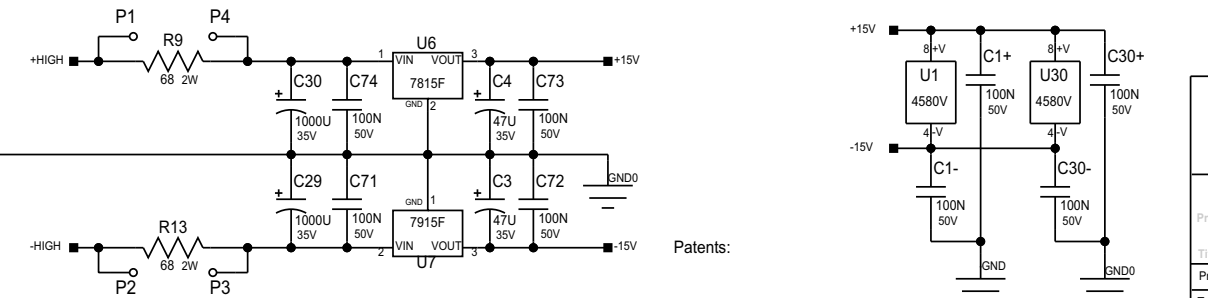
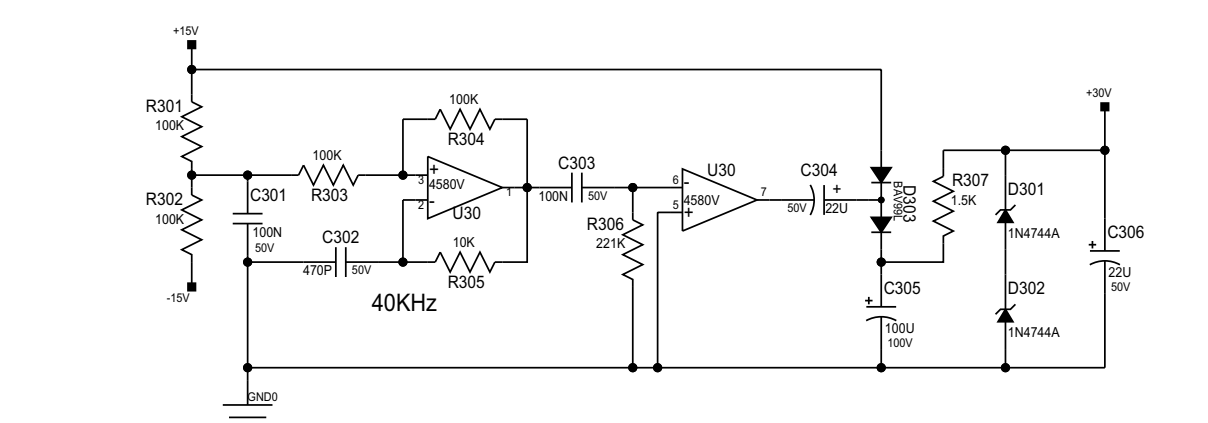
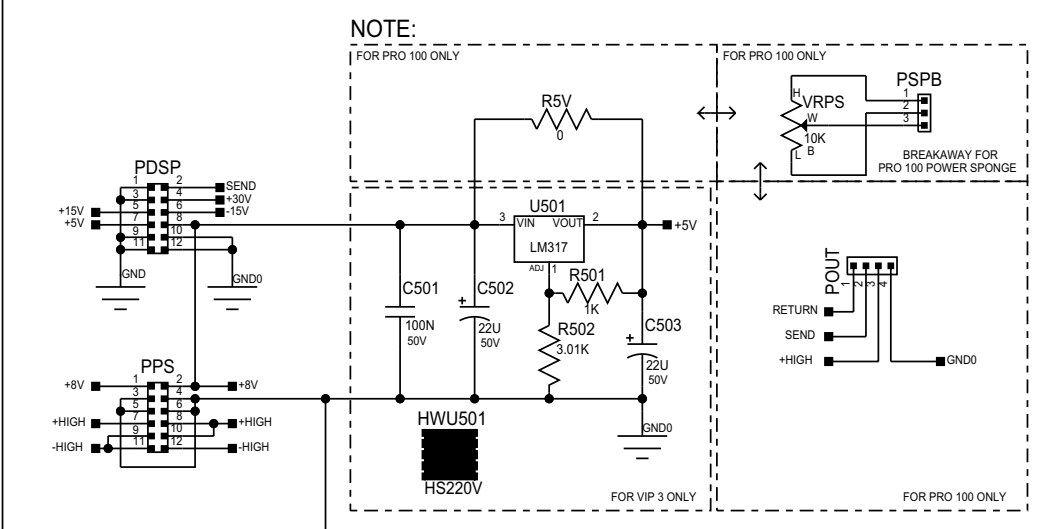
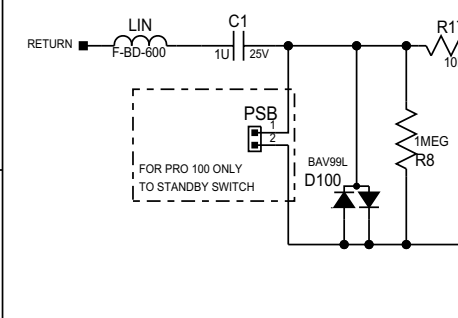
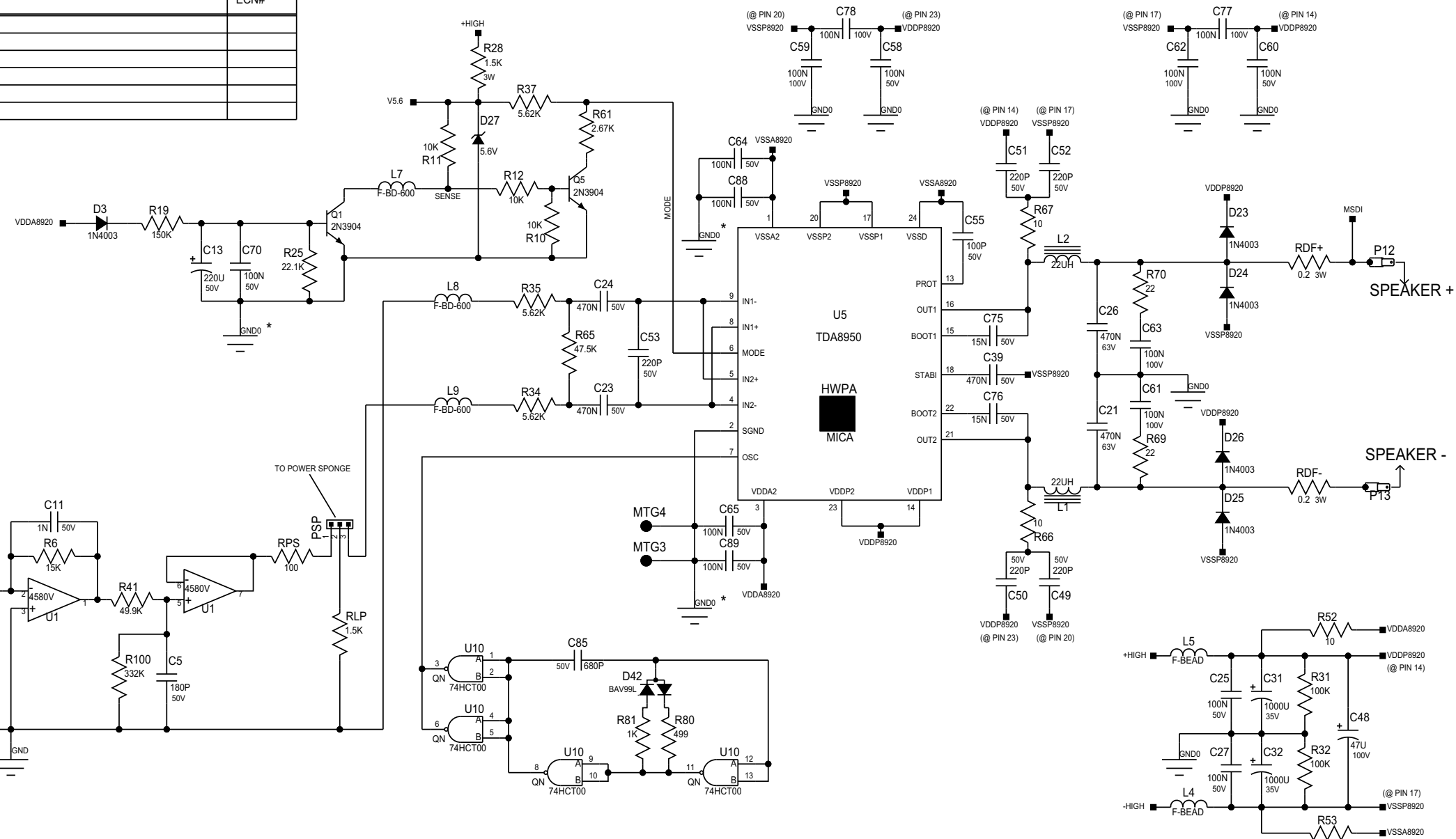


| REV | Eng | Date: | Revision Description | ECN# |
|-----|-----|-------|----------------------|------|
| A | | | | |
| B | | | | |
| C | | | | |
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| SHEET | DESCRIPTION |
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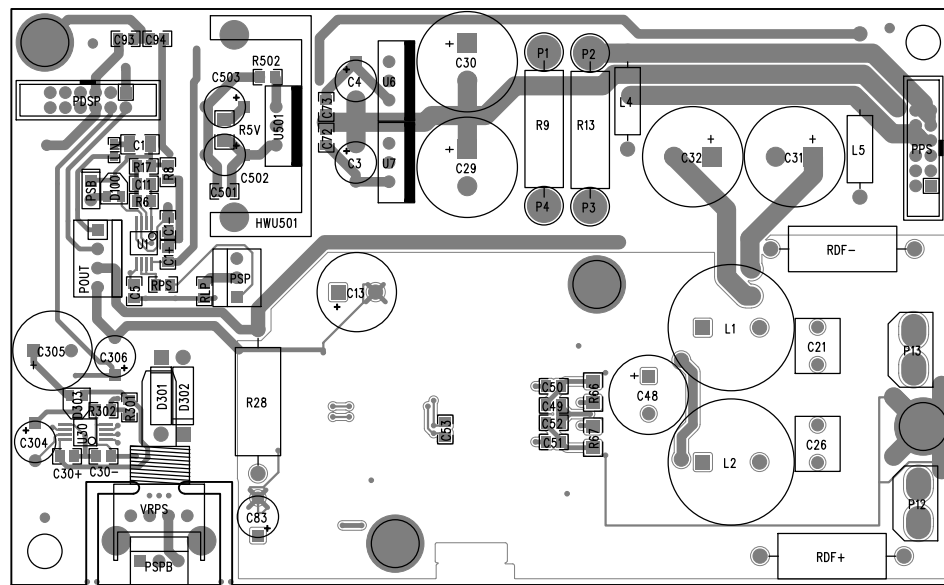
Note: All thru hole Resistors are 1/4 Watt unless otherwise indicated.
 All SMT 1206 Resistors are 1/4 Watt.
 All SMT 0805 Resistors are 1/10 Watt.
 Note Capacitor Values are indicated as Follows:
 val P = pF (picoFarads) val * 10 exp-12
 val N = nF (nanoFarads) val * 10 exp-9 (1N=1000pF, 100N=0.1uF)
 val U = uF (microFarads) val * 10 exp-6

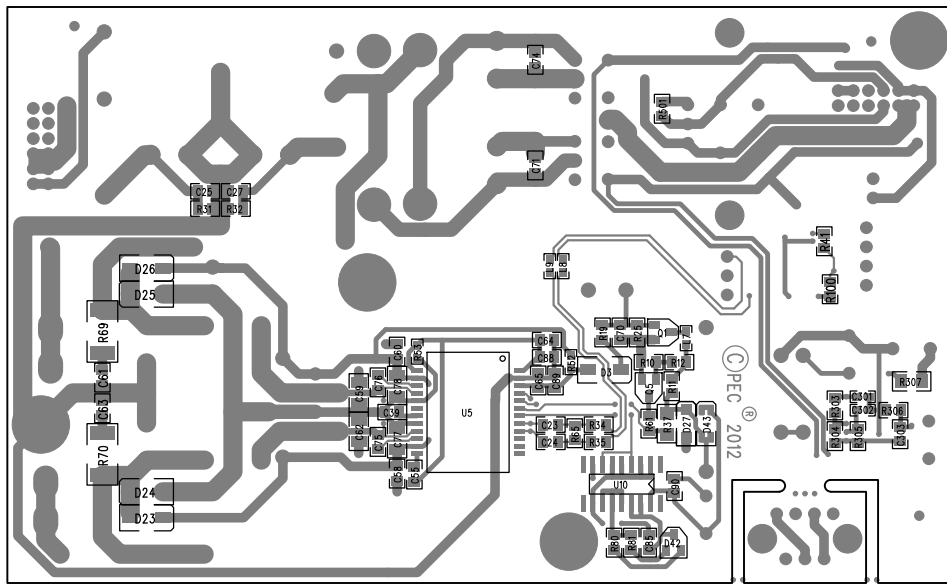
Company Proprietary Information

PEAVEY
 Peavey Electronics Corp.
 P. O. Box 2898
 Meridian, MS 39301

**VYPYR II SERIES
 VIP 3 / PRO 100**

Product: POWER AMPLIFIER
 Title: P1100024 / P1000115
 Project Number: P1100024 / P1000115
 Eng: J. C. FIELDS Release Date:
 Sheet 1 of 1 Saved: 2/26/2014, 16:23





BILL OF MATERIAL REPORT

REPORT DATE/TIME: 2/28/2014 8:35:35 AM

BOARD NAME: Vypyr PRO 100 Watt Power Amp Class D ASSEMBLY LEVEL
 NUMBER: 32204820B

PROJECT NUMBER: P1000115 DESIGNER: AJJ 32102027B

| Qty. | Part # | Description | Reference |
|-------------|----------|------------------------|---------------------------|
| Designators | | | |
| ----- | | | |
| 1 | 30200010 | 0.0 1/4W 5% MF 1206 | R5V |
| 1 | 30200118 | 5.62K 1/4W 1% MF 1206 | R37 |
| 1 | 30200128 | 1.50K 1/4W 1% MF 1206 | R307 |
| 5 | 30200174 | 10K 1/10W 1% MF 0805 | R10 R11 R12 R17 R305 |
| 1 | 30200181 | 100 1/10W 1% MF 0805 | RPS |
| 1 | 30200188 | 1.00K 1/10W 1% MF 0805 | R81 |
| 1 | 30200190 | 1.50K 1/10W 1% MF 0805 | RLP |
| 6 | 30200194 | 100K 1/10W 1% MF 0805 | R31 R32 R301 R303 R304 |
| R302 | | | |
| 1 | 30200195 | 1.00M 1/10W 1% MF 0805 | R8 |
| 1 | 30200198 | 499 1/10W 1% MF 0805 | R80 |
| 1 | 30200205 | 47.5K 1/10W 1% MF 0805 | R65 |
| 2 | 30200238 | 22 1W 5% MF 2512 | R69 R70 |
| 1 | 30200256 | 22.1K 1/10W 1% MF 0805 | R25 |
| 2 | 30200286 | 10 1/10W 1% MF 0603 | R52 R53 |
| 1 | 30200331 | 49.9K 1/10W 1% MF 0805 | R41 |
| 1 | 30200334 | 15.0K 1/10W 1% MF 0805 | R6 |
| 1 | 30200342 | 221K 1/10W 1% MF 0805 | R306 |

| | | | | | | | |
|-----|----------|---------|-------|----------|-----|------|-------------------------------------------------------|
| 2 | 30200348 | 10 | 1/4W | 1% | MF | 1206 | R66 R67 |
| 1 | 30200413 | 2.67K | 1/10W | 1% | MF | 0805 | R61 |
| 1 | 30200431 | 332K | 1/10W | 1% | MF | 0805 | R100 |
| 1 | 30200538 | 150K | 1/10W | 1% | | 0805 | R19 |
| 2 | 30200545 | 5.62K | 1/10W | 1% | | 0805 | R34 R35 |
| 1 | 30210122 | 1.5K | 3W | 5% | MO | T&R | R28 |
| 2 | 30250099 | 0.2 | 3W | 5% | MO | T&R | RDF+ RDF- |
| 2 | 30250306 | 68 | 2W | 5% | MO | AXL | R9 R13 |
| 1 | 30300088 | 100PF | 50V | 5% | NPO | 0805 | C55 |
| 5 | 30300089 | 220PF | 50V | 5% | NPO | 0805 | C49 C50 C51 C52 C53 |
| 1 | 30300091 | 1000PF | 50V | 5% | NPO | 0805 | C11 |
| 20 | 30300093 | 0.1UF | 50V | 10% | X7R | 0805 | C1+ C1- C25 C27 C30+ C30- C58 |
| C60 | | | | | | | C64 C65 C70 C71 C72 C73 C74 C88 C89 C90 C93 C94 |
| 1 | 30300121 | 0.1UF | 50V | 5% | X7R | 0805 | C303 |
| 1 | 30300128 | 0.1UF | 50V | +80/-20% | Y5V | 0603 | C301 |
| 1 | 30300130 | 1UF | 25V | +80/-20% | Y5V | 1206 | C1 |
| 1 | 30300147 | 680PF | 50V | 5% | NPO | 0805 | C85 |
| 2 | 30300154 | 0.015UF | 50V | 10% | X7R | 0805 | C75 C76 |
| 1 | 30300169 | 180PF | 50V | 5% | NPO | 0805 | C5 |
| 1 | 30300222 | 470PF | 50V | 5% | NPO | 0603 | C302 |
| 2 | 30300249 | 0.1UF | 100V | 20% | X7R | 0805 | C61 C63 |
| 3 | 30300320 | 470NF | 50V | 10% | X7R | 0805 | C23 C24 C39 |
| 4 | 30300334 | 0.1UF | 100V | 10% | X7R | 1206 | C59 C62 C77 C78 |
| 2 | 30320181 | 22UF | 50V | 20% | EL | RAD | C304 C306 |

| | | | |
|---|----------|------------------------------|-----------------------|
| 4 | 30320186 | 1000UF 35V 20% EL RAD | C29 C30 C31 C32 |
| 1 | 30320187 | 220UF 50V 20% EL RAD | C13 |
| 3 | 30320344 | 47UF 35V 20% EL RAD | C3 C4 C83 |
| 1 | 30320624 | 100UF 100V 20% EL RAD | C305 |
| 1 | 30320704 | 47UF 100V 20% ELS RAD | C48 |
| 2 | 30330159 | 0.47UF 63V 5% PES RAD | C21 C26 |
| 1 | 30400318 | 7815F +15V INS TO-220F HOR | U6 |
| 1 | 30400319 | 7915 -15V INS TO-220F HOR | U7 |
| 1 | 30418026 | 1N4148 (LL34) DIODE SMT | D43 |
| 1 | 30418042 | 74HCT00 4- 2IN NAND SO14 | U10 |
| 2 | 30418135 | 2N3904 NPN SOT23 | Q1 Q5 |
| 5 | 30418261 | 1N4003 - SMT - SMA PKG | D3 D23 D24 D25 D26 |
| 1 | 30418546 | 5.6V ZENER (SOD123)-SMT | D27 |
| 3 | 30418655 | BAV99L DUAL 4148 DIODE SO | D42 D100 D303 |
| 2 | 30418836 | NJM4580 DUAL OPAMP SSOP8 | U1 U30 |
| 1 | 30418883 | TDA8950 CLASS D POWER AMP | U5 |
| 2 | 30464744 | 1N4744A 15V 1W 5% ZENER | D301 D302 |
| 4 | 30500935 | FERRITE CHIP SMT 600OHM 1.3A | L7 L8 L9 LIN |
| 2 | 30502122 | FERRITE BEAD INDUCTOR T&R | L4 L5 |
| 2 | 30504103 | 22UH, 5A INDUCTOR | L1 L2 |
| 1 | 31190900 | 10KB SNGL 12MM HOR | VRPS |
| 4 | 33711811 | PIN-F .093 MOLEX PC-MNT | P1 P2 P3 P4 |
| 2 | 33716194 | SPADE .250 PC MNT .093 | P12 P13 |
| 2 | 33717013 | 3 HDR V SR .100" TIN LK | PSP PSPB |
| 1 | 33717015 | 4 HDR V SR .100" TIN LK | POUT |

1 33717122

2 HDR V SR .100" TIN

PSB

2 33717360

12 HDR V DR 2MM GOLD

PDSP PPS

END OF BILL OF MATERIAL REPORT
