

Resistors are 5% 1/16W 0402 unless otherwise specified
Ceramic capacitors are ±10% 50V X7R dielectric 0402 unless otherwise specified



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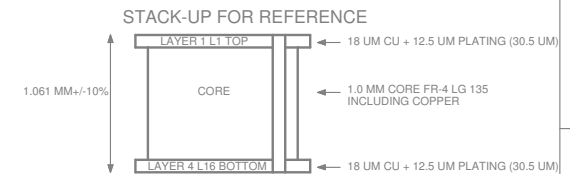
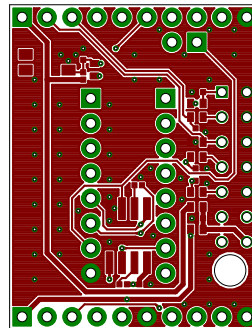
Domino JTAG SPI

24/08/14 12:25

Sheet: 1 / 1 Rev.A

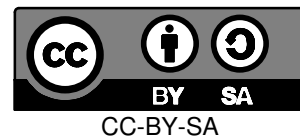
DRILL CHART: TOP TO BOTTOM

| Sym | N° | Mils | MM | Qty | Plated |
|-----|----|------|------|-----|--------|
| + | 1 | 12 | 0.30 | 69 | YES |
| × | 2 | 36 | 0.91 | 14 | YES |
| □ | 3 | 40 | 1.02 | 38 | YES |
| ◇ | 4 | 126 | 3.20 | 1 | NOT |



NOTES:

1. PRINTED CIRCUIT BOARD MADE FROM NEMA GRADE FR-4 TQ 135 EPOXY LAMINATE WITH 18 UM COPPER PLATING AND 1 MM THICKNESS.
2. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS EXCEPT TRACE WIDTH/SPACE
3. CIRCUIT PATHS ARE FOR REFERENCE ONLY.
4. HOLE SIZES SHOWN ARE FINISHED DIAMETERS AFTER PLATING.
5. BOARD PLATED USING REFLOW OR SIMILAR METHOD.
6. BOARD TO HAVE WHITE SOLDER MASK ON PLATED SURFACES USING WET FILM SR100 OR SR1010 EPOXY.
EQUIVALENT WET OR DRY FILM MAY BE USED.
7. SILKSCREEN BOARD USING BLACK INK. DISTORTION OF SILKSCREEN IS ACCEPTABLE OVER TRACES. EPOXY INK ON PLATED LANDS IS NOT ACCEPTABLE
8. THE FOLLOWING INFORMATION APPLIES TO THIS BOARD:
 - * 2 COPPER LAYERS
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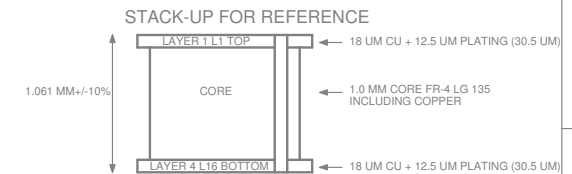
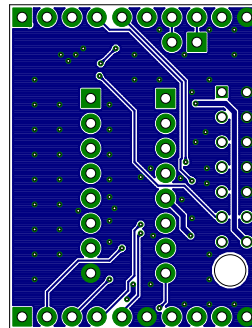
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Component Side (.CMP)

Rev. B

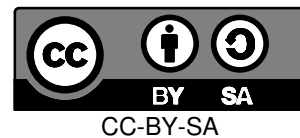
DRILL CHART: TOP TO BOTTOM

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|-----|----|------|------|-----|--------|
| + | 1 | 12 | 0.30 | 69 | YES |
| × | 2 | 36 | 0.91 | 14 | YES |
| □ | 3 | 40 | 1.02 | 38 | YES |
| ◇ | 4 | 126 | 3.20 | 1 | NOT |



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Solder side (.SOL)

Rev. B

LAYER-STACK

| Sym | N° | Mils | MM | Qty | Plated |
|-----|----|------|------|-----|--------|
| + | 1 | 12 | 0.30 | 69 | YES |
| x | 2 | 36 | 0.91 | 14 | YES |
| □ | 3 | 40 | 1.02 | 38 | YES |
| ◇ | 4 | 126 | 3.20 | 1 | NOT |

DRILL CHART: TOP TO BOTTOM

STACK-UP FOR REFERENCE

1.061 MM +/- 10%

LAYER 1 L1 TOP
CORE
LAYER 4 L16 BOTTOM

18 UM CU + 12.5 UM PLATING (30.5 UM)
1.0 MM CORE FR-4 LG 135 INCLUDING COPPER
18 UM CU + 12.5 UM PLATING (30.5 UM)

NOTES:

- PRINTED CIRCUIT BOARD MADE FROM NEMA GRADE FR-4 TG 135 EPOXY LAMINATE WITH 18 UM COPPER PLATING AND 1 MM THICKNESS.
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Domino Core Pi Qi

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Solder stop mask CMP (.STC)

Rev. B

LAYER-STACK

| Sym | N° | Mils | MM | Qty | Plated |
|-----|----|------|------|-----|--------|
| + | 1 | 12 | 0.30 | 69 | YES |
| x | 2 | 36 | 0.91 | 14 | YES |
| □ | 3 | 40 | 1.02 | 38 | YES |
| ◇ | 4 | 126 | 3.20 | 1 | NOT |

DRILL CHART: TOP TO BOTTOM

STACK-UP FOR REFERENCE

1.061 MM +/- 10%

LAYER 1 LT TOP
CORE
LAYER 4 LT6 BOTTOM

18 UM CU + 12.5 UM PLATING (30.5 UM)
1.0 MM CORE FR-4 LG 135 INCLUDING COPPER
18 UM CU + 12.5 UM PLATING (30.5 UM)

NOTES:

- PRINTED CIRCUIT BOARD MADE FROM NEMA GRADE FR-4 TG 135 EPOXY LAMINATE WITH 18 UM COPPER PLATING AND 1 MM THICKNESS.
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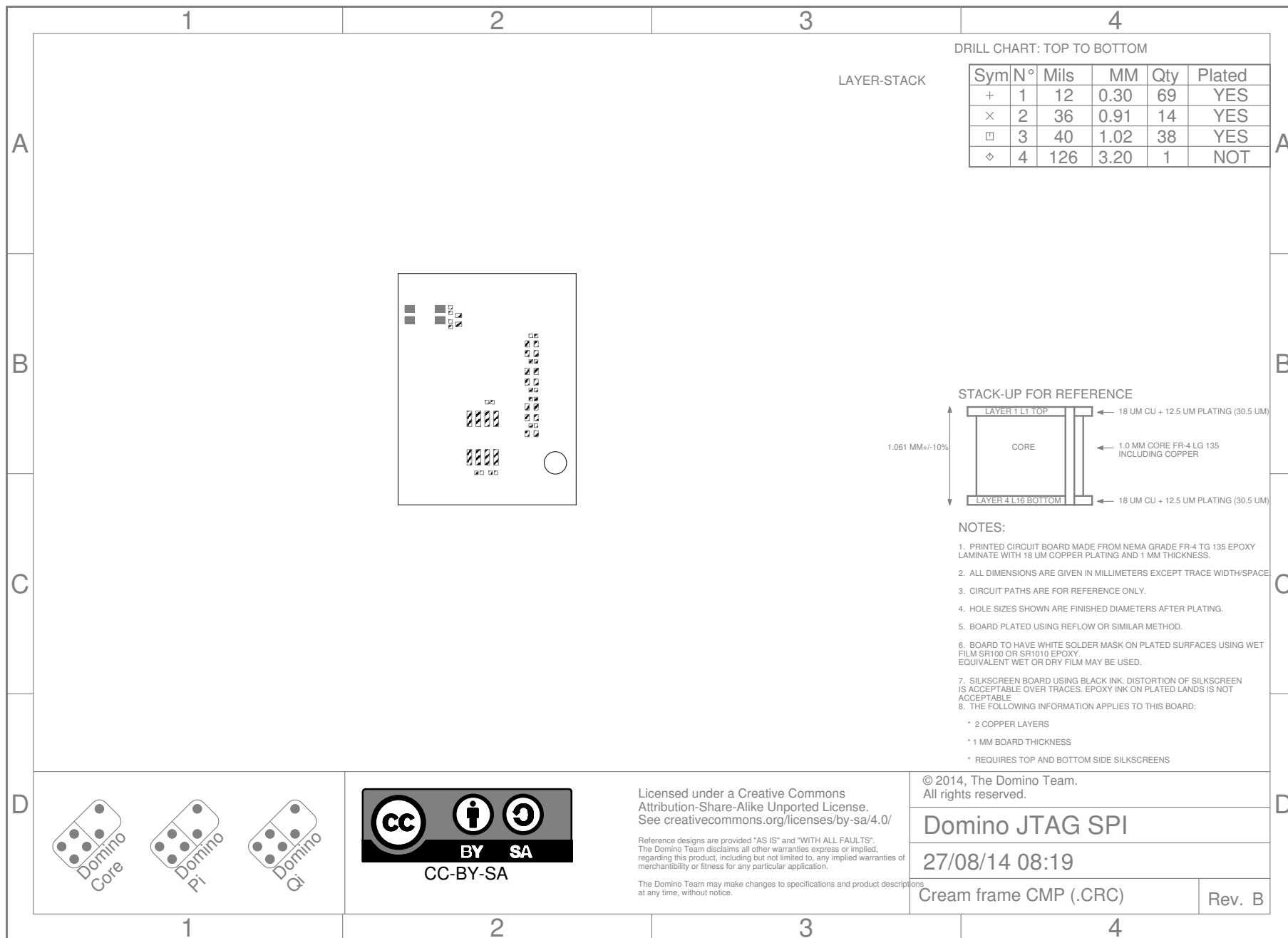
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Solder stop mask SOL (.STS)

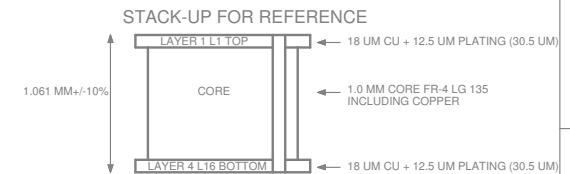
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DRILL CHART: TOP TO BOTTOM

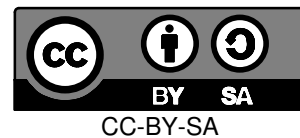
| Sym | N° | Mils | MM | Qty | Plated |
|-----|----|------|------|-----|--------|
| + | 1 | 12 | 0.30 | 69 | YES |
| × | 2 | 36 | 0.91 | 14 | YES |
| □ | 3 | 40 | 1.02 | 38 | YES |
| ◇ | 4 | 126 | 3.20 | 1 | NOT |

LAYER-STACK



NOTES:

1. PRINTED CIRCUIT BOARD MADE FROM NEMA GRADE FR-4 TG 135 EPOXY LAMINATE WITH 18 UM COPPER PLATING AND 1 MM THICKNESS.
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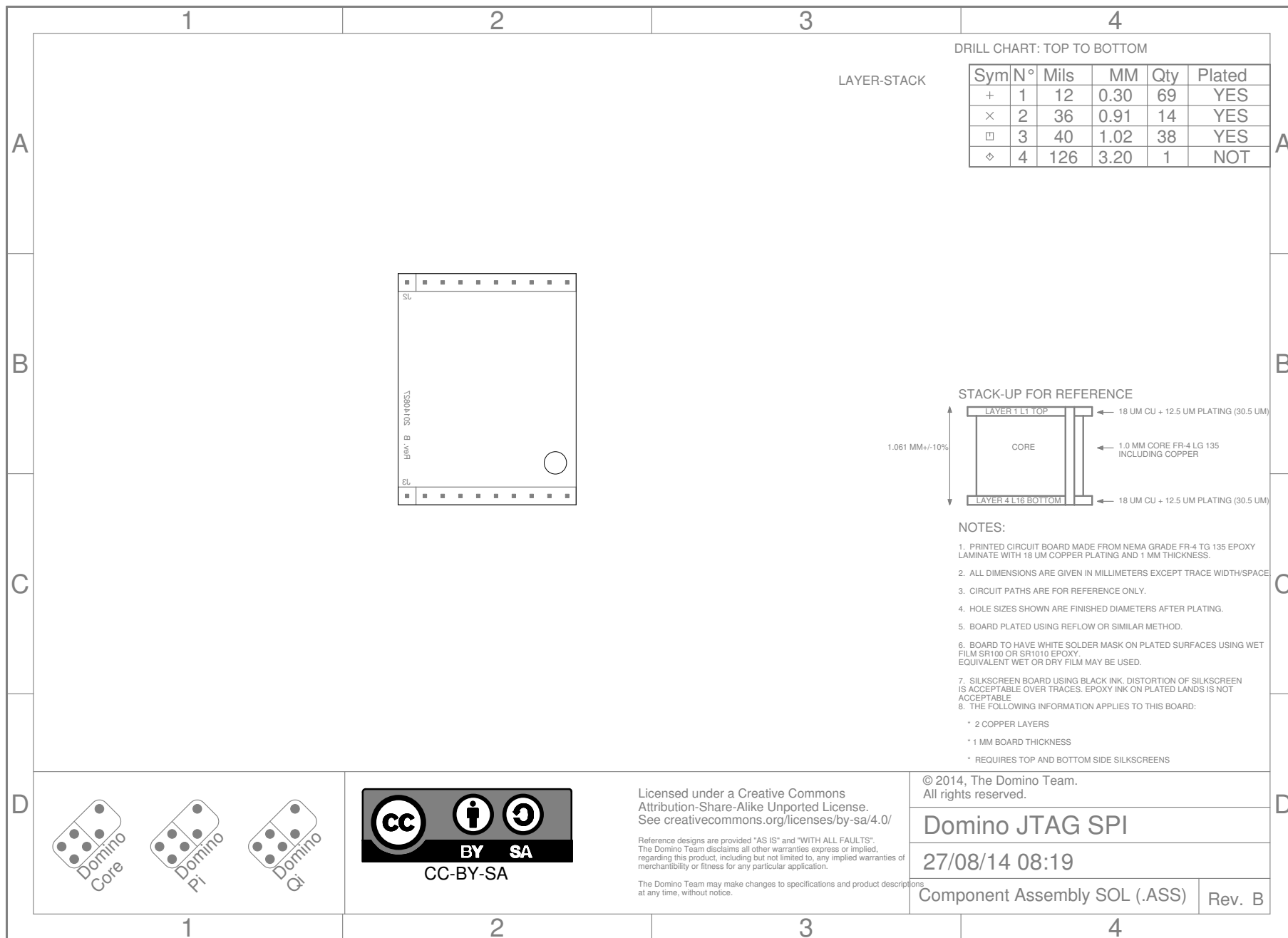
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Cream frame SOL (.CRS)

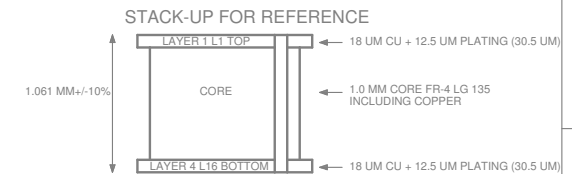
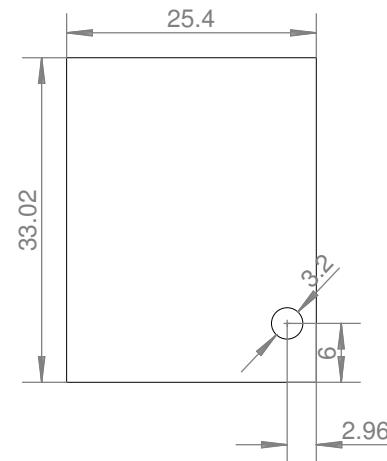
Rev. B

DRILL CHART: TOP TO BOTTOM



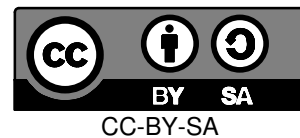
DRILL CHART: TOP TO BOTTOM

| Sym | N° | Mils | MM | Qty | Plated |
|-----|----|------|------|-----|--------|
| + | 1 | 12 | 0.30 | 69 | YES |
| × | 2 | 36 | 0.91 | 14 | YES |
| □ | 3 | 40 | 1.02 | 38 | YES |
| ◇ | 4 | 126 | 3.20 | 1 | NOT |



NOTES:

1. PRINTED CIRCUIT BOARD MADE FROM NEMA GRADE FR-4 TO 135 EPOXY LAMINATE WITH 18 UM COPPER PLATING AND 1 MM THICKNESS.
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Outline (.OLN)

Rev. B

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| Item | Qty | Value | Manufacturer | Device | Package | Reference | Description | Remarks |
|------|-----|-------------|------------------------|----------------------------|-------------|--|---|---------|
| 1 | 2 | 100n | ANY | C0402_100n_X7R_10%_CER_50V | C0402 | C1, C3 | CAP CER 0.1UF 50V 10% X7R 0402 | |
| 2 | 1 | 10n | ANY | C0402_10n_X7R_10%_CER_50V | C0402 | C2 | CAP CER 10000PF 50V 10% X7R 0402 | |
| 3 | 2 | MH8-1 | ANY | MH8-1-0.1 | MH8-1-0.1 | J1, J5 | CONN HEADER VERT .100 1ROW 8POS 8.08 HEAD 3.05 TAIL 15AU | |
| 4 | 2 | MH10-1 | ANY | MH10-1-0.1 | MH10-1-0.1 | J2, J3 | CONN HEADER VERT .100 1ROW 10POS 8.08 HEAD 3.05 TAIL 15AU | |
| 5 | 1 | MH2-1 | ANY | MH2-1-0.1 | MH2-1-0.1 | J4 | CONN HEADER VERT .100 1ROW 2POS 8.08 HEAD 3.05 TAIL 15AU | |
| 6 | 1 | MHRA7-2-0.1 | ANY | MHRA7-2-0.1 | MHRA7-2-0.1 | J6 | CONN HEADER SHROUDED R/A .100 2ROWS 7POS 6.10 HEAD 3.05 TAIL 15AU | |
| 7 | 1 | 1k | ANY | R0402_1k_5%_62.5mW | R0402 | R1 | RES 1K OHM 1/16W 5% 0402 SMD | |
| 8 | 6 | 10k | ANY | R0402_10k_5%_62.5mW | R0402 | R2, R3, R4, R5, R7, R8 | RES 10K OHM 1/16W 5% 0402 SMD | |
| 9 | 4 | 0R | ANY | R0603_0R_5%_125mW | R0603 | R6(DNP), R9(DNP), R10(DNP), R11, R12, R13, R14 | RES 0.0 OHM 1/8W JUMP SMD 0603 | |
| 10 | 1 | IT-1124SMD | SZJUSTWELL ELECTRONICS | IT-1124SMD | IT-1124SMD | SW1 | SWITCH TACTILE SPST-NO 0.02A 15V | |
| 11 | 0 | SPI_FLASH | ANY | SPI_FLASH | SOIC-8 | U1(DNP) | SPI FLASH SMD | |