

Bill of Materials

<Parameter Title not found>

Source Data From:

SHA256.PrjPCB

Project:

SHA256.PrjPCB

Variant:

None

Creation Date: 9.8.2013r. 07:54:23

07:54:23

| Model/Ref | Comment | Unit | Designator | Description | Quantity |
|----------------|---------------------|-----------------|---|---|----------|
| SMD_30M1 | SLC1480-2501250X800 | 201MLD | | | |
| A_Collett | | | | | |
| SLC1480 | | | | | |
| SMD_3C40 | Q4 000 Mhz | CRYSTAL | V1 | Crystal | 1 |
| KTAL1140X4 | 4939 SMD | | | | |
| W14039 | | | | | |
| SMD_30C1 | NCPS351DRQ2 | DRVFET_NCP351 | U79 | Model: 24V Bootstrapped Sync Buck 4A | 1 |
| 27P602X173 | | | | | |
| SMD_30C1 | MCP2551-15N | MCP2551 | U21 | CAN Driver | 1 |
| 27P602X173 | | | | | |
| SMD_30C1 | BPIC35EF256 | BPIC35EF256 | U1 | | 1 |
| P120X200 | M2006-1PT | | | | |
| X120-6AN | | | | | |
| SMD_30C1 | CU40SCM180 | CON_USB_M83 | | | |
| CVLLDX-03 | | | | | |
| CU5A-SCM180 | | | | | |
| PTH_HDRV1 | CON SIP2 | CON2 | J4 | Connector | 1 |
| 2VH4P254-X2 | | | | | |
| MOLEX_PW | CON MOLEX | CON_4PINS | J2 | | 1 |
| R_4P | HDD | | | | |
| PTH_CON | CON FAN | CON_4PINS | J6 | | 1 |
| ANCON-APB150- | | | | | |
| S40 | | | | | |
| PTH_CON | CON CAN | CON2 | J5 | Connector | 1 |
| SI-EDPS-75 | | | | | |
| SMD_30C1 | 9H03FB1WG | VOLTRG LDC05 | | | 1 |
| 27P602X173 | | | | | |
| KTAL1140-9N | | | | | |
| SMD_30T2 | BAT54C | D_DUAL_A1A2 | D1 | | 1 |
| SOT199P4K | | | | | |
| X120-3N | | | | | |
| SMD_30C1 | AP0803GM1-3 | MOS_N_D1_S | D1 | | 1 |
| 7PMS3530A | | | | | |
| 100-8N | | | | | |
| SMD_30C1 | AP1RA03GM1 | MOS_N_D1_S | D2 | | 1 |
| 7PMS3530A | | | | | |
| 100-8N | | | | | |
| SMD_30C1 | AS2256A08 | AS2256A08 | D8 | | 1 |
| PTX0700X09 | | | | | |
| SMD_30C1 | 470nf | Cap Semi | | | 1 |
| APC1600X85-N | | | | | |
| SMD_30C1 | 120 | | R41 | Resistor | 1 |
| APC1600X85-N | | | | | |
| SMD_30C1 | 100nf | CAP | C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100, C101, C102, C103, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C144, C145, C146, C147 | | 22 |
| SMD_30C1 | 100K | Res3 | R1, R2, R3, R4, R5, R6, R7, R8, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100, R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R137, R138, R139, R140, R141, R142, R143, R144, R145, R146, R147, R148, R149, R150, R151, R152, R153, R154, R155, R156, R157, R158, R159, R160, R161, R162, R163, R164, R165, R166, R167, R168, R169, R170, R171, R172, R173, R174, R175, R176, R177, R178, R179, R180, R181, R182, R183, R184, R185, R186, R187, R188, R189, R190, R191, R192, R193, R194, R195, R196, R197, R198, R199, R200, R201, R202, R203, R204, R205, R206, R207, R208, R209, R210, R211, R212, R213, R214, R215, R216, R217, R218, R219, R220, R221, R222, R223, R224, R225, R226, R227, C248, C249, C250 | | 18 |
| SMD_30C1 | 12u | CAP | C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47 | | 20 |
| SMD_30C1 | 18pf | CAP | C88, C89 | Capacitor | 2 |
| APC1600X85-N | | | | | |
| SMD_30C1 | 10u/16V | CAP | C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100, C101, C102, C103, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C144, C145, C146, C147, C148, C149, C150, C151, C152, C153, C154, C155, C156, C157, C158, C159, C160, C161, C162, C163, C164, C165, C166, C167, C168, C169, C170, C171, C172, C173, C174, C175, C176, C177, C178, C179, C180, C181, C182, C183, C184, C185, C186, C187, C188, C189, C190, C191, C192, C193, C194, C195, C196, C197, C198, C199, C200, C201, C202, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C218, C219, C220, C221, C222, C223, C224, C225, C226, C227, C228, C229, C230, C231, C232, C233, C234, C235, C236, C237, C238, C239, C240, C241, C242, C243, C244, C245, C246, C247 | | 21 |
| SMD_30C1 | 10K | Res3 | R44 | Resistor | 1 |
| APC1600X85-N | | | | | |
| SMD_30C1 | 4u7 | Res3 | R6, R43, R45 | Resistor | 3 |
| SMD_30C1 | 1uF/25V | CAP | C189 | Capacitor | 1 |
| APC2012X14-9N | | | | | |
| SMD_30C1 | 1nf | CAP | C251 | Capacitor | 1 |
| APC1600X85-N | | | | | |
| SMD_30C1 | 9N | Res3 | R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32 | Resistor | 15 |
| SMD_1206-10 | | | R42, R46 | | 2 |
| ES2C3216X16 | | | | | |
| SMD_30C1 | TPS24N10 | DRVFET_TPS22406 | | Model: 12V Dual Bootstrapped PWM Syn Buck Optimised | 1 |
| 16ES20NXP | TPS1604 | | | | |
| 614181M00 | | | | | |
| TPS1604 | | | | | |
| SMD_30C1 | (OPT) LM7805 | IC_UM2801AD | C22 | | 1 |
| 27P602X173 | | 5.0R20_50-8 | | | |
| SMD_30C1 | (OPT) C_POL | C_POL | C208, C210, C212, C228, C232 | | 5 |
| SPRS160N | | | | | |
| SMD_30C1 | (OPT) C_POL | C_POL | C208, C210, C212, C228, C232 | | 1 |
| TPS1604 | | | | | |
| SMD_30C1 | (OPT) BAT70 | D_DUAL_A1A2 | D3 | | 1 |
| 27P602X173 | | | | | |
| SMD_30C1 | (OPT) BAT54C | D_DUAL_A1A2 | D2 | | 1 |
| X120-3N | | | | | |
| SMD_30C1 | (OPT) | DRVFET_ADP8230 | | Model: 12V Dual Bootstrapped PWM Syn Buck Optimised | 1 |
| 27P602X173 | | | | | |
| ADP0110A | | | | | |
| SMD_30C1 | (OPT) 768 | Res3 | R36 | Resistor | 1 |
| ESIC1608X15 | | | | | |
| SMD_1206-10 | | Res3 | R31, R34, R35 | | 3 |
| ESIC1608X15-9N | | | | | |
| SMD_30C1 | (OPT) 2.4K | Res3 | R37, R38 | Resistor | 2 |
| ESIC1608X15-9N | | | | | |
| SMD_30C1 | (OPT) 2.2nf | CAP | C206 | Capacitor | 1 |
| APC2012X14-9N | | | | | |
| SMD_30C1 | (OPT) 1uF/25V | CAP | C229 | Capacitor | 1 |
| APC2012X14-9N | | | | | |
| SMD_30C1 | (OPT) 1uF | CAP | C209 | Capacitor | 1 |
| APC2012X14-9N | | | | | |
| SMD_1206-10 | (OPT) 3 | Res3 | R47 | | 1 |
| ESIC3216X16-9N | | | | | |

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