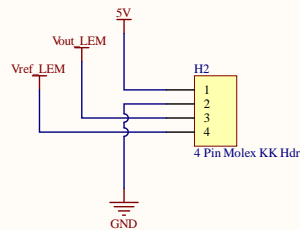
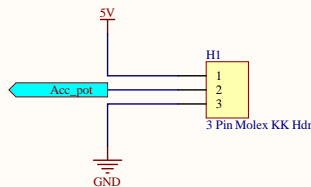


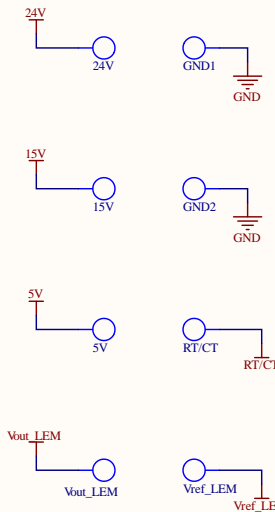
LEM SENSOR HAI5150-P



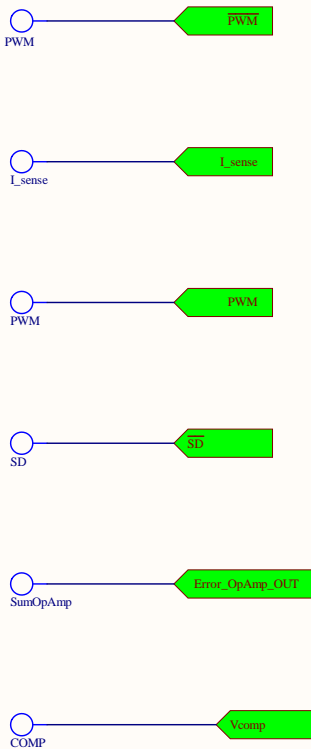
ACCELERATOR HEADER



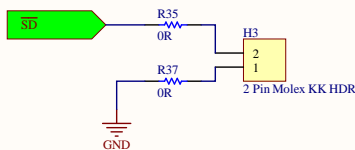
POWER



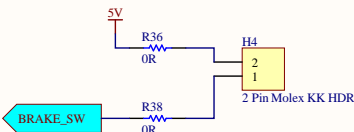
SIGNAL TEST POINTS



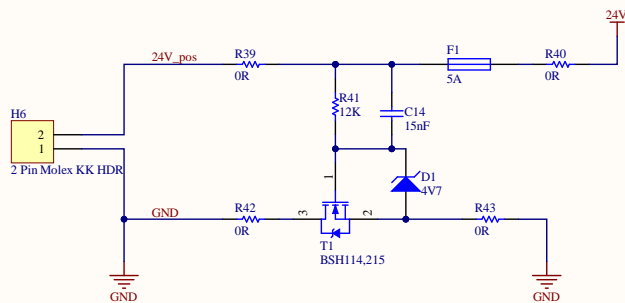
SHUT DOWN



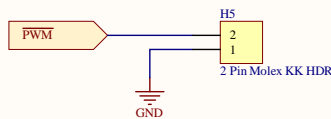
BRAKE SWITCH



24V POWER CONNECTOR



PWM CONNECTOR



A



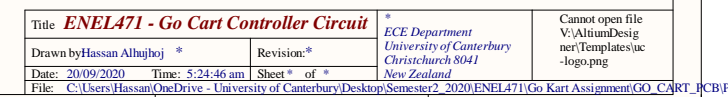
C

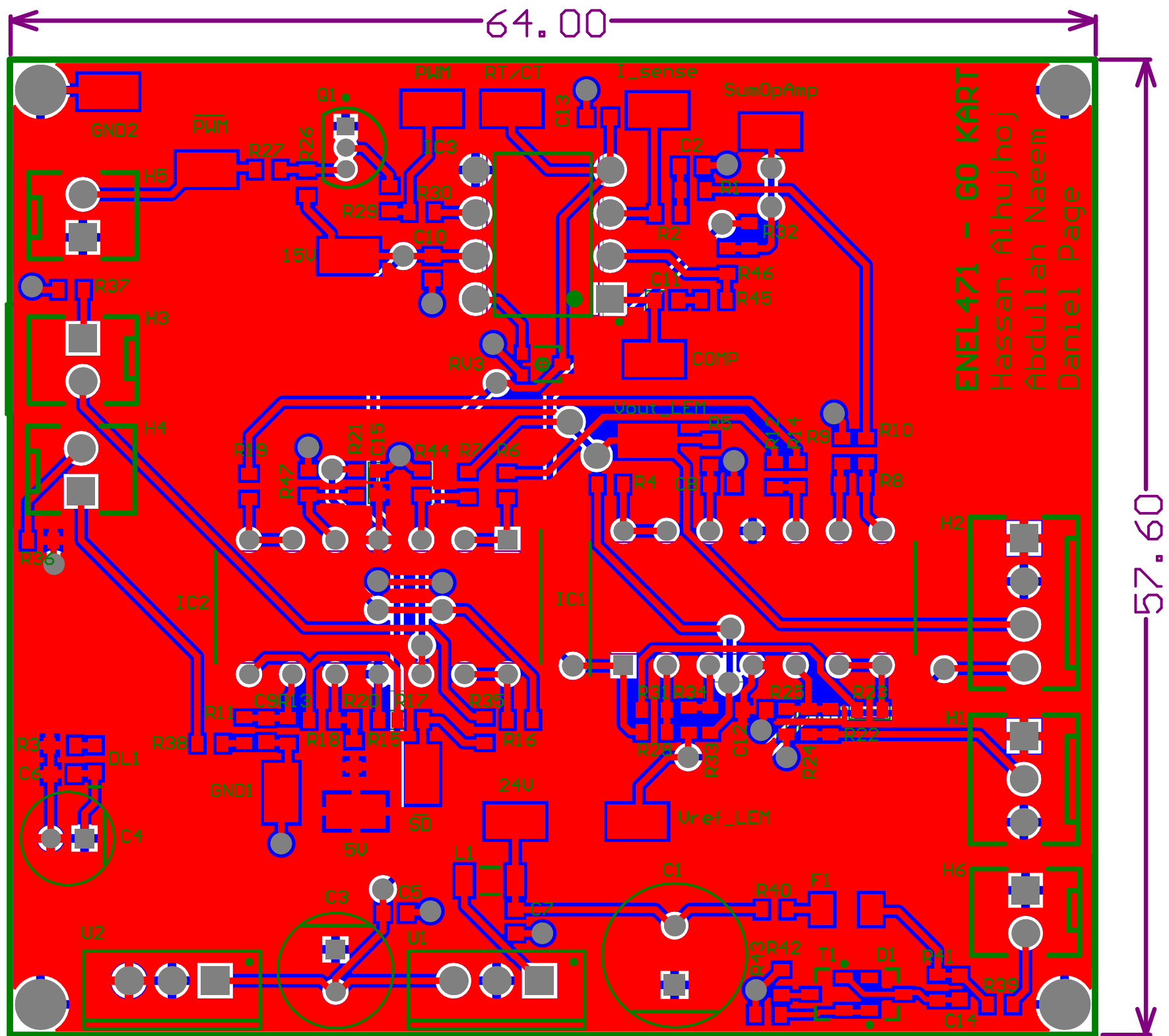


A



C





| Bill of Materials | | Bill of Materials for Project [GO_CART_Project.PrjPcb] (No PCB Document Selection) | | | |
|-----------------------------------|-------------------|--|---|--|----------|
| Source Data From: | | GO_CART_Project.PrjPcb | | | |
| Project: | | GO_CART_Project.PrjPcb | | | |
| Variant: | | None | | | |
| Creation Date: 20/09/2020 5:24 am | | | | | |
| Print Date: 20-Sep-20 5:25:03 AM | | | | | |
| | | | | | |
| Footprint | Comment | LibRef | Designator | Description | Quantity |
| FP-ESLGM-CAPC1608L | 100uF | CMP-03015-CC_1nF_0603 | C1 | CAP ALUM 100UF 20% 50V THRU HOLE. | 1 |
| FP-ESLE3-FP- | 1nF | CC_1nF_0603 | C2 | CAP CER 1nF X7R +-10% 50V 0603 | 1 |
| FP-ESLE3-FP- | 47uF | CMP-03015- | C3 | CAP ALUM 10UF 20% 100V THRU HOLE. | 1 |
| FP-ESLE3-FP- | 1uF | CMP-12462- | C4 | CAP ALUM 22UF 20% 25V RADIAL. Part | 1 |
| CAPC1608L | 100nF | CC_100nF_0603 | C5, C6, C7, C9, C10, C12, C15 | CAP CER 100nF X7R +-10% 50V 0603 | 7 |
| CAPC1608L | 1uF | CC_1uF_0603 | C8 | CAP CER 1uF Y5V -20% +80% 16V 0603 | 1 |
| CAPC1608L | 10uF | CC_10uF_0603 | C11 | CAP CER 10UF X5R +-20% 6V3 0603 | 1 |
| CAPC1608L | 22nF | CC_22nF_0603 | C13 | CAP CER 22nF X7R +-10% 50V 0603 | 1 |
| CAPC1608L | 15nF | CC_15nF_0603 | C14 | CAP CER 15nF X7R +-10% 50V 0603 | 1 |
| SOT23_L | 4V7 | DZ_4.7V | D1 | BZX84C4V7LT1G - DIODE, ZENER, 4.7V, | 1 |
| WL- | Bright Green | DL_150060VS75 | DL1 | LED Bright Green 40mcd 0603 SMD | 1 |
| RESC3216N | 5A | FS_Fuse_5.0A | F1 | Fuse 5.0A Fast Acting 1206 SMD | 1 |
| MOLEX_KK_ | 3 Pin Molex KK | JA_MOLEX_KK_ | H1 | CONN HEADER 3POS 2.54mm VERT_Thru | 1 |
| MOLEX_KK_ | 4 Pin Molex KK | JA_MOLEX_KK_ | H2 | CONN HEADER 4POS 2.54mm VERT_Thru | 1 |
| MOLEX_KK_ | 2 Pin Molex KK | JA_MOLEX_KK_ | H3, H4, H5, H6 | CONN HEADER 2POS 2.54mm VERT_Thru | 4 |
| DIP794W56P | LMC6484IN | LMC6484IN | IC1, IC2 | Integrated Circuit | 2 |
| DIP794W56P | UC3843BNG | UC3843BNG | IC3 | Integrated Circuit | 1 |
| INDC3216L | 1A max, Idc 0.3R, | IN_Ferrite-Bead | L1 | Ferrite Bead, Rdc 0.3R, Z100MHZ 600R, | 1 |
| ONSC-TO-92- | 2N7000G | CMP-1058- | Q1 | Small Signal MOSFET, 200 mA, 60 V, N- | 1 |
| RESC1608L | 150R | RS_150R | R1 | RES 150 OHM 1/10W 5% 0603 SMD | 1 |
| RESC1608L | 0R | RS_0R0 | R2, R4, R6, R10, R16, R17, R19, R23, R27, | RES 0.0 OHM 1/10W 5% 0603 SMD | 19 |
| RESC1608L | 1K8 | RS_1K8 | R3 | RES 1.8K OHM 1/10W 5% 0603 SMD | 1 |
| RESC1608L | 2K2 | RS_2K2 | R5 | RES 2.2K OHM 1/10W 5% 0603 SMD | 1 |
| RESC1608L | 10K | RS_10K | R7, R8, R9, R12, R14, R15, R18, R20, R26, | RES 10.0K OHM 1/10W 5% 0603 SMD | 14 |
| RESC1608L | 100R | RS_100R | R11 | RES 100 OHM 1/10W 5% 0603 SMD | 1 |
| RESC1608L | 100K | RS_100K | R13, R25 | RES 100K OHM 1/10W 5% 0603 SMD | 2 |
| RESC1608L | 6K8 | RS_6K8 | R21 | RES 6k8 OHM 1/10W 5% 0603 SMD | 1 |
| RESC1608L | 120K | RS_120K | R22, R24 | RES 120K OHM 1/10W 5% 0603 SMD | 2 |
| RESC1608L | 10R | RS_10R | R29 | RES 10 OHM 1/10W 5% 0603 SMD | 1 |
| RESC1608L | 12K | RS_12K | R41 | RES 12K OHM 1/10W 5% 0603 SMD | 1 |
| RESC1608L | 3K | RS_3K | R44 | RES 3K OHM 1/10W 5% 0603 SMD | 1 |
| RESC1608L | 1K | RS_1K | R46 | RES 1.0K OHM 1/10W 5% 0603 SMD | 1 |
| RESC1608L | 470R | RS_470R | R47 | RES 470 OHM 1/10W 5% 0603 SMD | 1 |
| PVZ2A | 100K | RM_100K | RV3 | Trim Pot SMD 100K Murata PVZ2 Series | 1 |
| SOT23_L | BSH114,215 | TM_BSH114 | T1 | MOSFET N-CH 100V 0.85A SOT-23 | 1 |
| TO220 | L7815CV | CMP-0244- | U1 | Positive Voltage Regulator, 15V, 3-Pin TO- | 1 |
| TO220 | L7805ACV | CMP-0244- | U2 | Positive Voltage Regulator, 5V, 3-Pin TO-220 | 1 |
| Approved | | | | | 80 |
| Notes | | | | | |
| | | | | | |
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