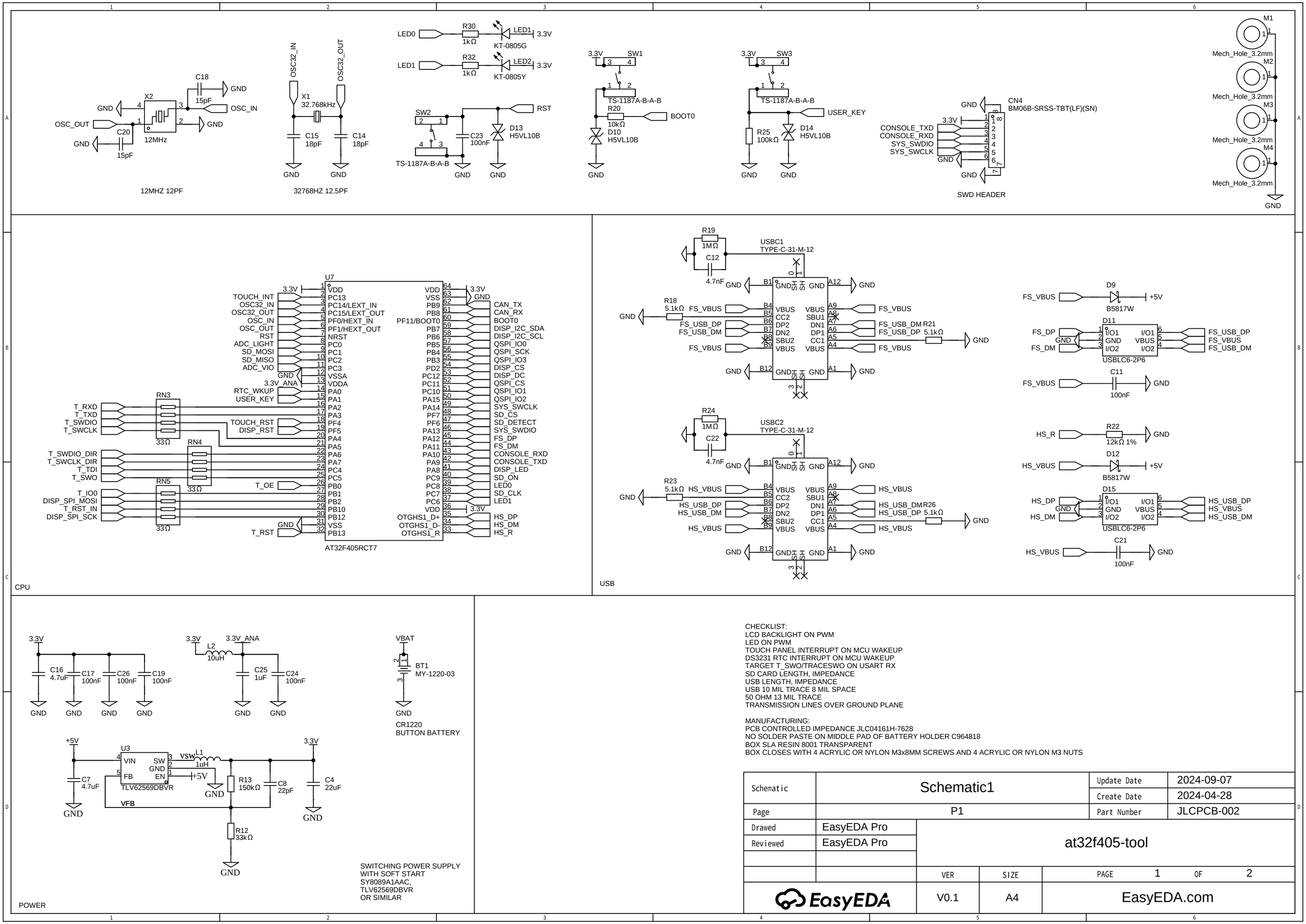
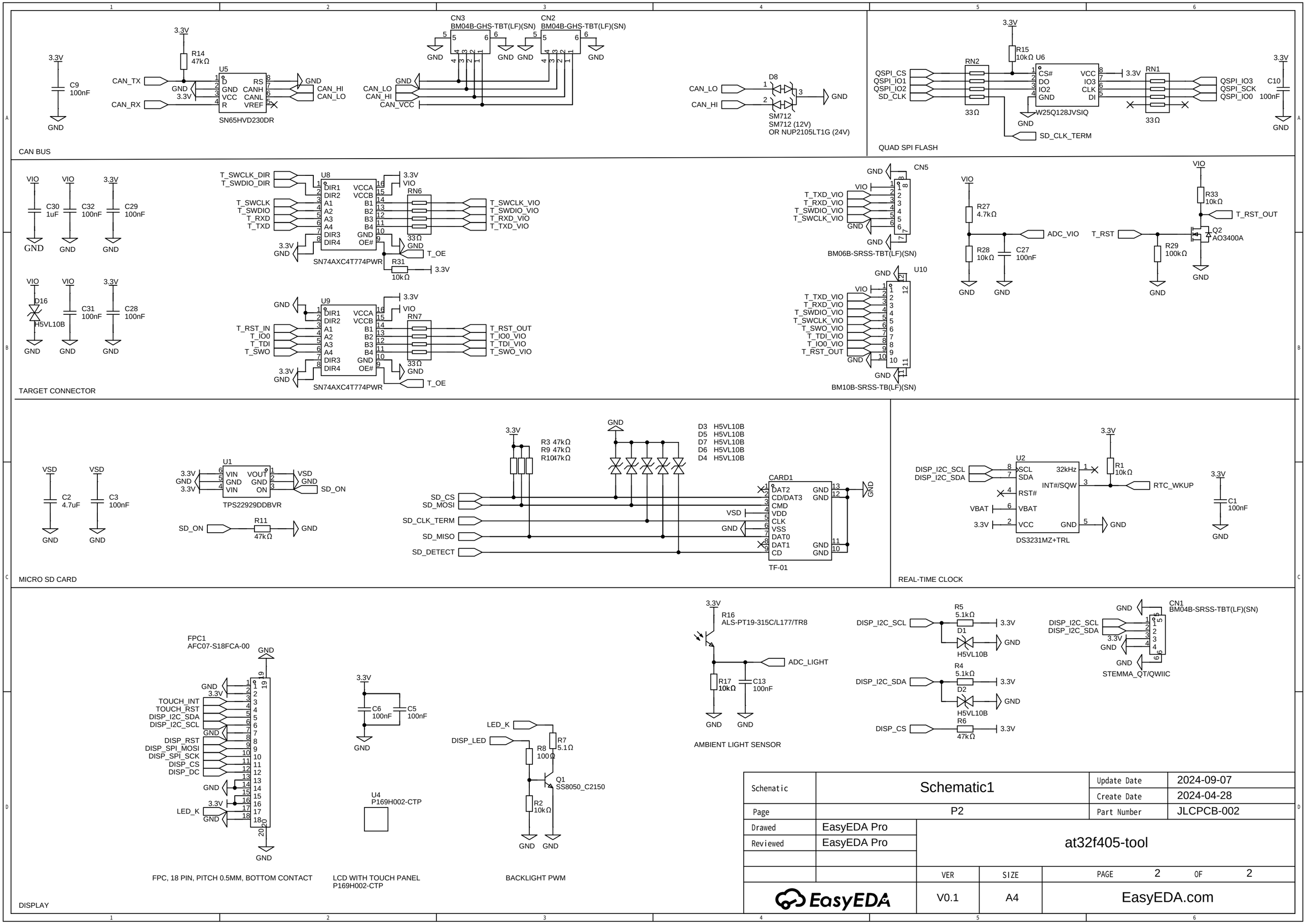

12MHZ 12PF
32768HZ 12.5PF
SWD HEADER
CPU
USB
POWER
AT32F405RCT7
TLV62569DBVR
USBLC6-2P6
CR1220
BUTTON BATTERY
SWITCHING POWER SUPPLY
WITH SOFT START
SY8089A1AAC,
TLV62569DBVR
OR SIMILAR
CHECKLIST:
LCD BACKLIGHT ON PWM
LED ON PWM
TOUCH PANEL INTERRUPT ON MCU WAKEUP
DS3231 RTC INTERRUPT ON MCU WAKEUP
TARGET T_SWO/TRACESWO ON USART RX
SD CARD LENGTH, IMPEDANCE
USB LENGTH, IMPEDANCE
USB 10 MIL TRACE 8 MIL SPACE
50 OHM 13 MIL TRACE
TRANSMISSION LINES OVER GROUND PLANE
MANUFACTURING:
PCB CONTROLLED IMPEDANCE JLC04161H-7628
NO SOLDER PASTE ON MIDDLE PAD OF BATTERY HOLDER C964818
BOX SLA RESIN 8001 TRANSPARENT
BOX CLOSES WITH 4 ACRYLIC OR NYLON M3x8MM SCREWS AND 4 ACRYLIC OR NYLON M3 NUTS
Schematic
Schematic1
Update Date
2024-09-07
Create Date
2024-04-28
Page
P1
Part Number
JLCPCB-002
Drawed
EasyEDA Pro
Reviewed
EasyEDA Pro
at32f405-tool
VER
SIZE
PAGE 1 OF 2
V0.1
A4
EasyEDA.com



Schematic	Schematic1	Update Date	2024-09-07
		Create Date	2024-04-28
Page	P2	Part Number	JLCPCB-002
Drawed	EasyEDA Pro	at32f405-tool	
Reviewed	EasyEDA Pro		
		VER	SIZE	PAGE 2 OF 2
EasyEDA		V0.1	A4	EasyEDA.com