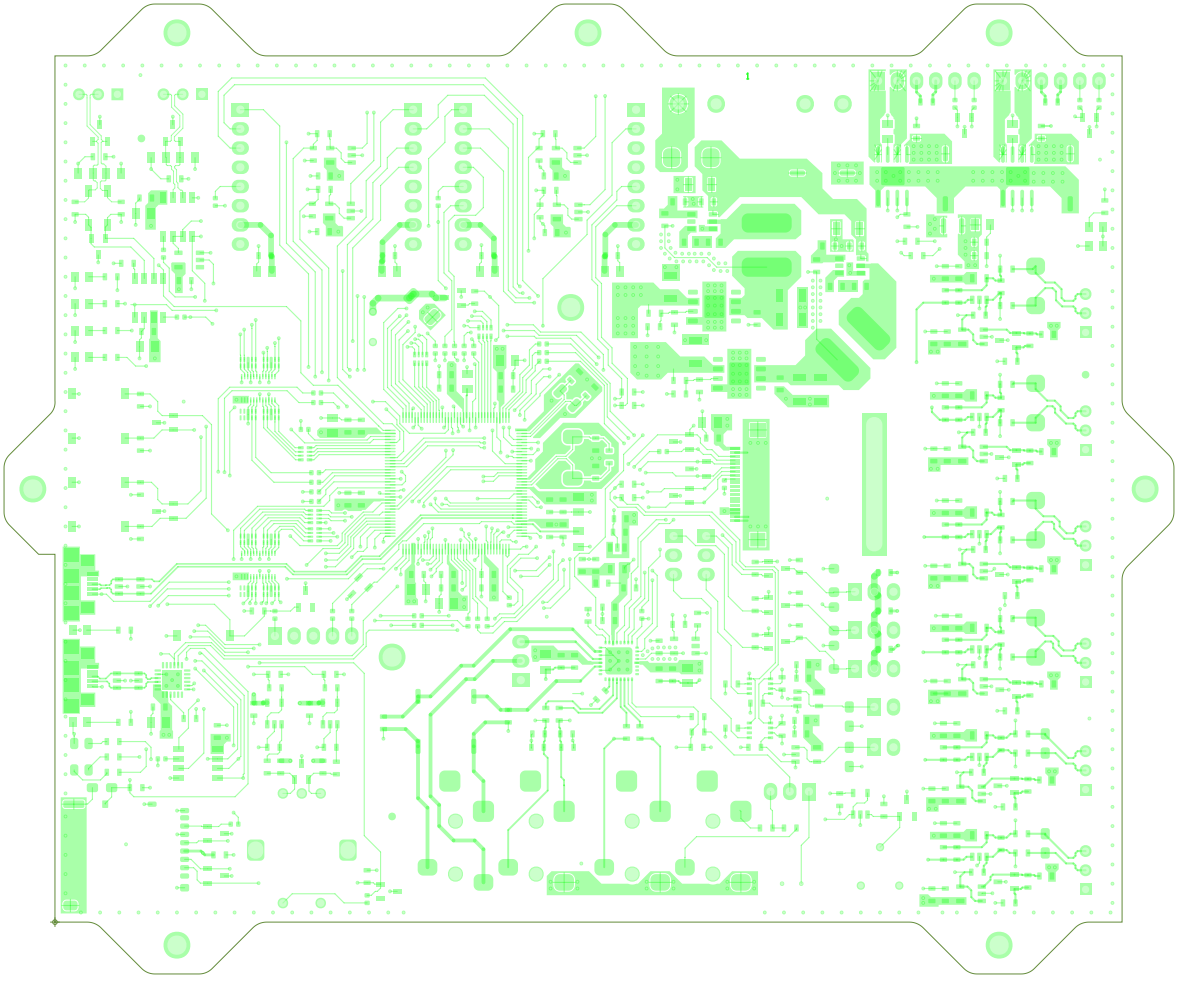
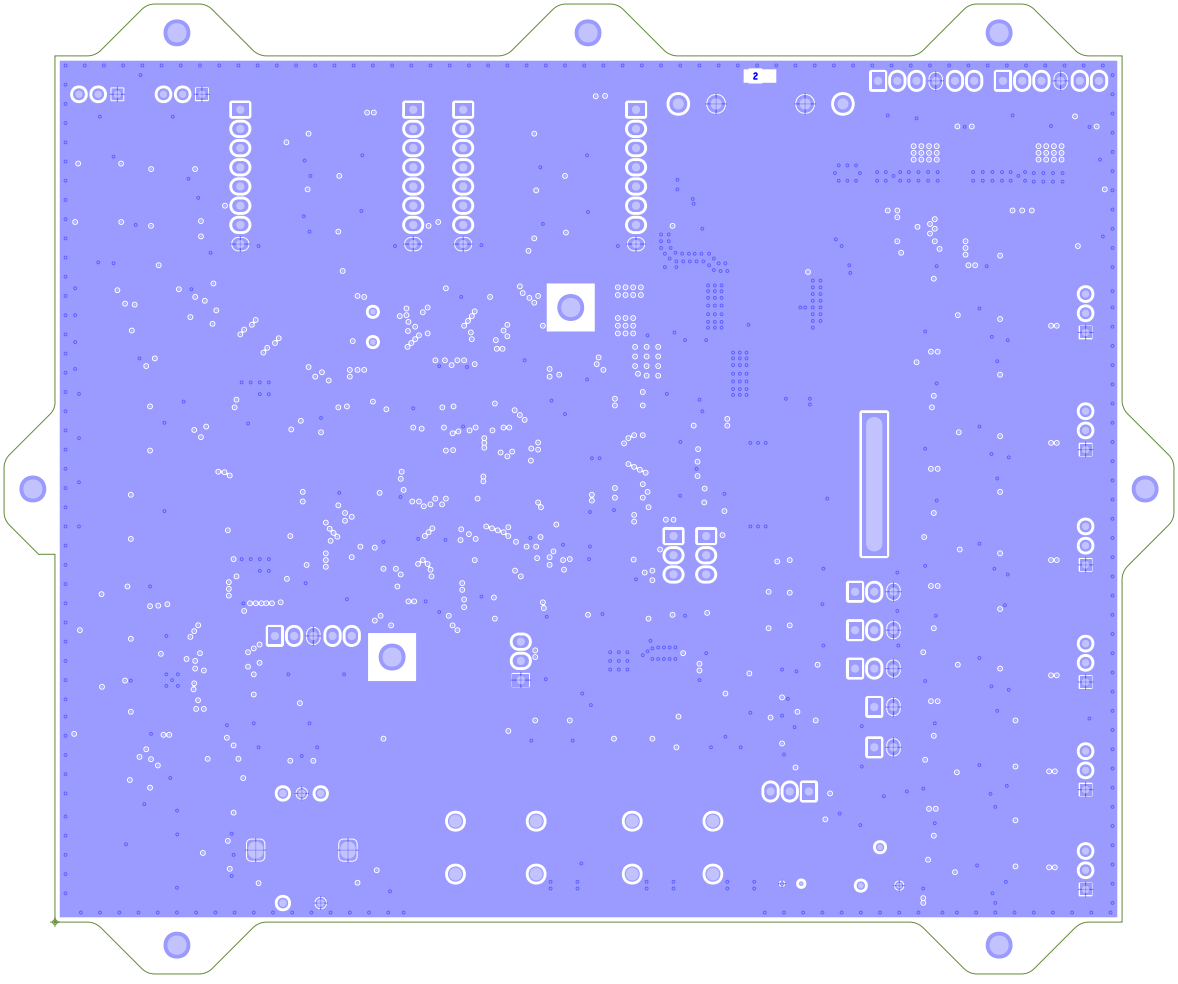
ART FILM - TOP



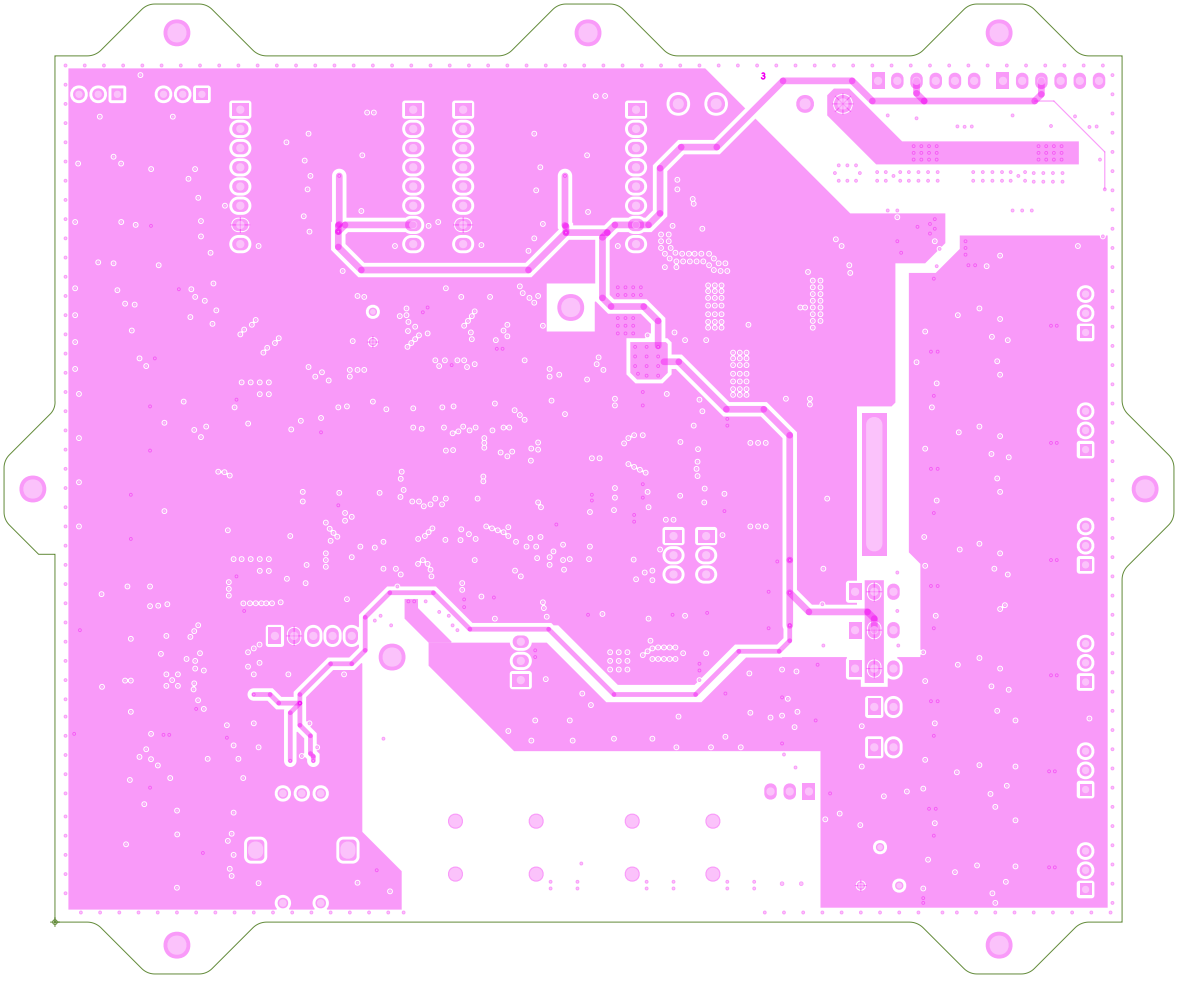
ART FILM - TOP

ART FILM - INNER1



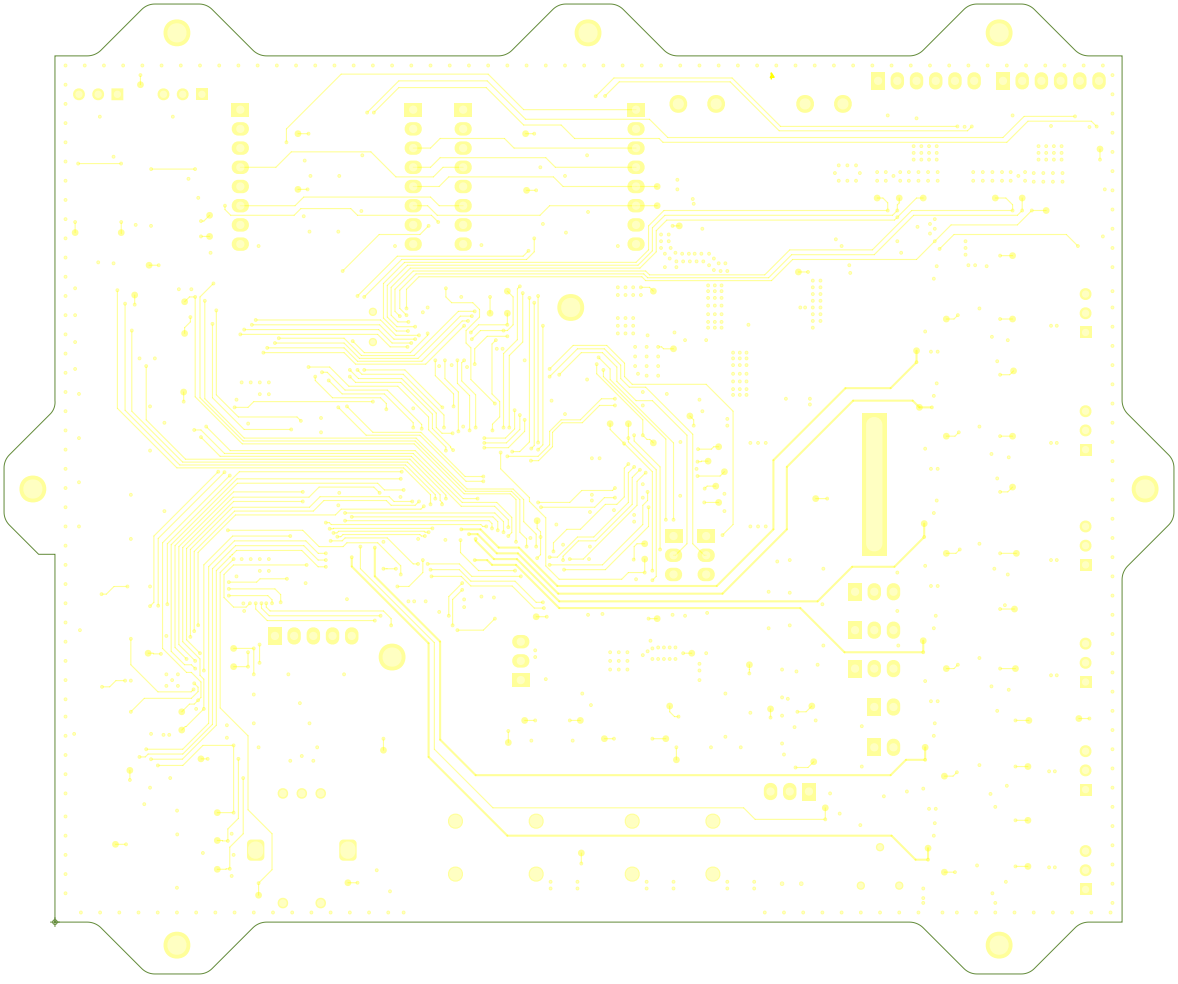
ART FILM - INNER1

ART FILM - INNER2



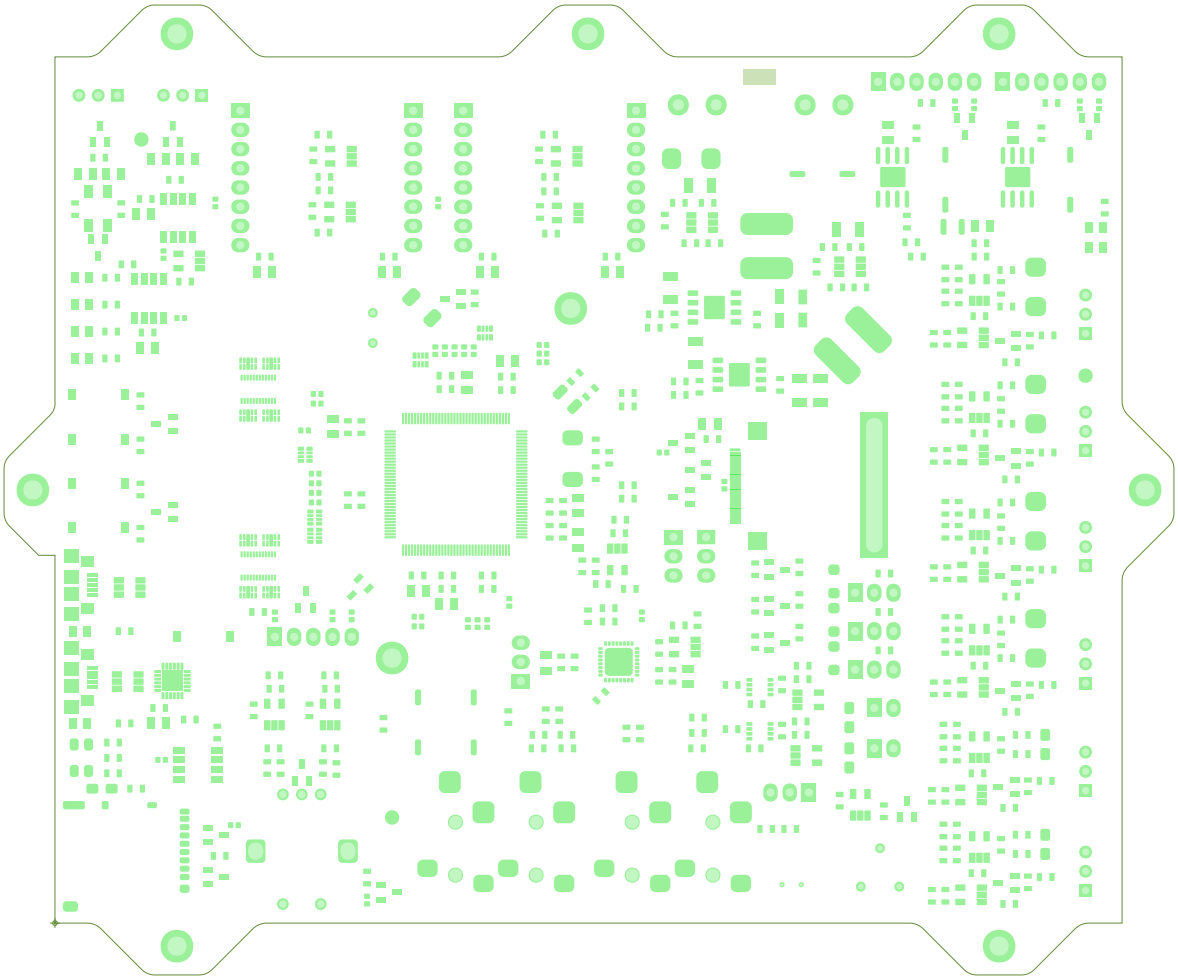
ART FILM - INNER2

ART FILM - BOTTOM



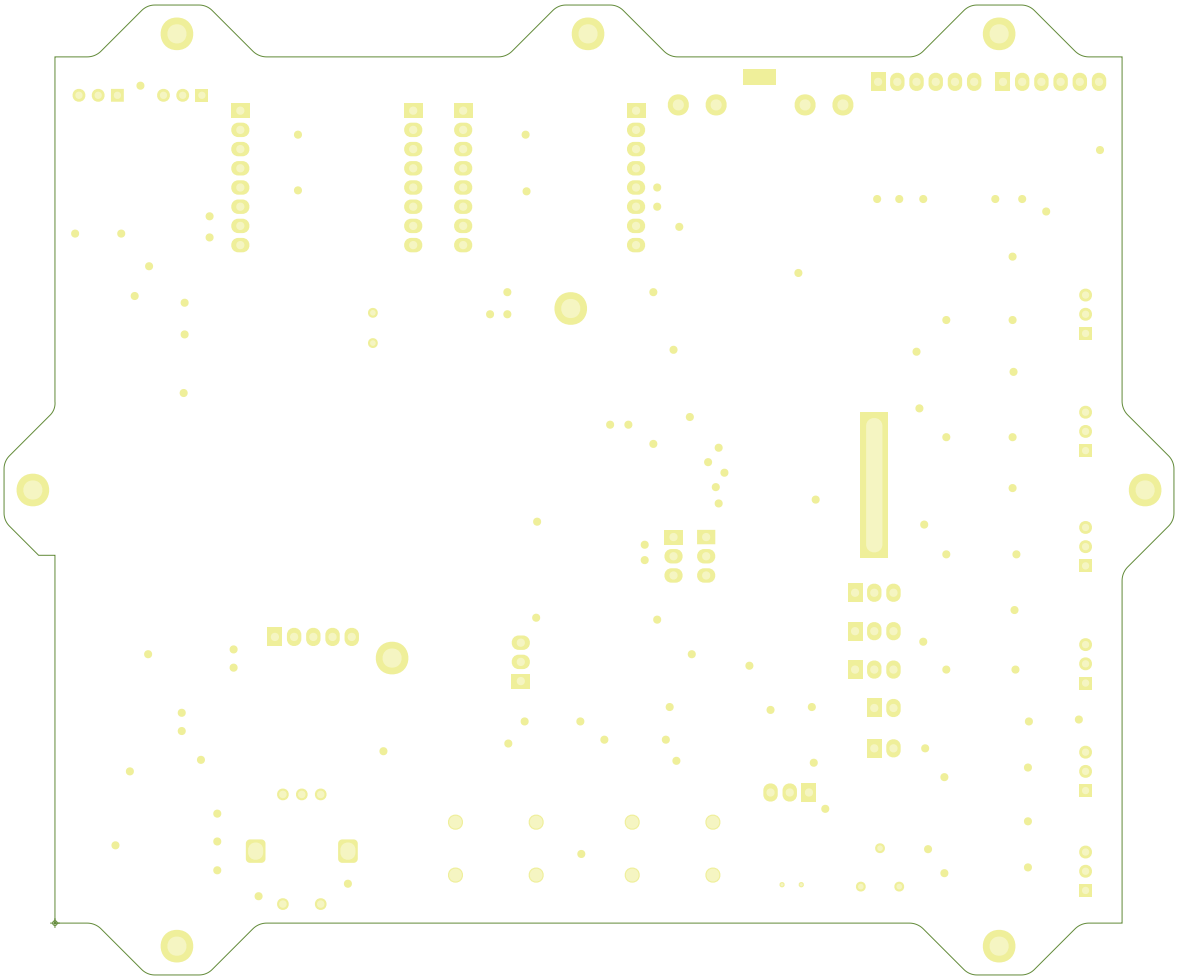
ART FILM - BOTTOM

ART FILM - SoldermaskTop

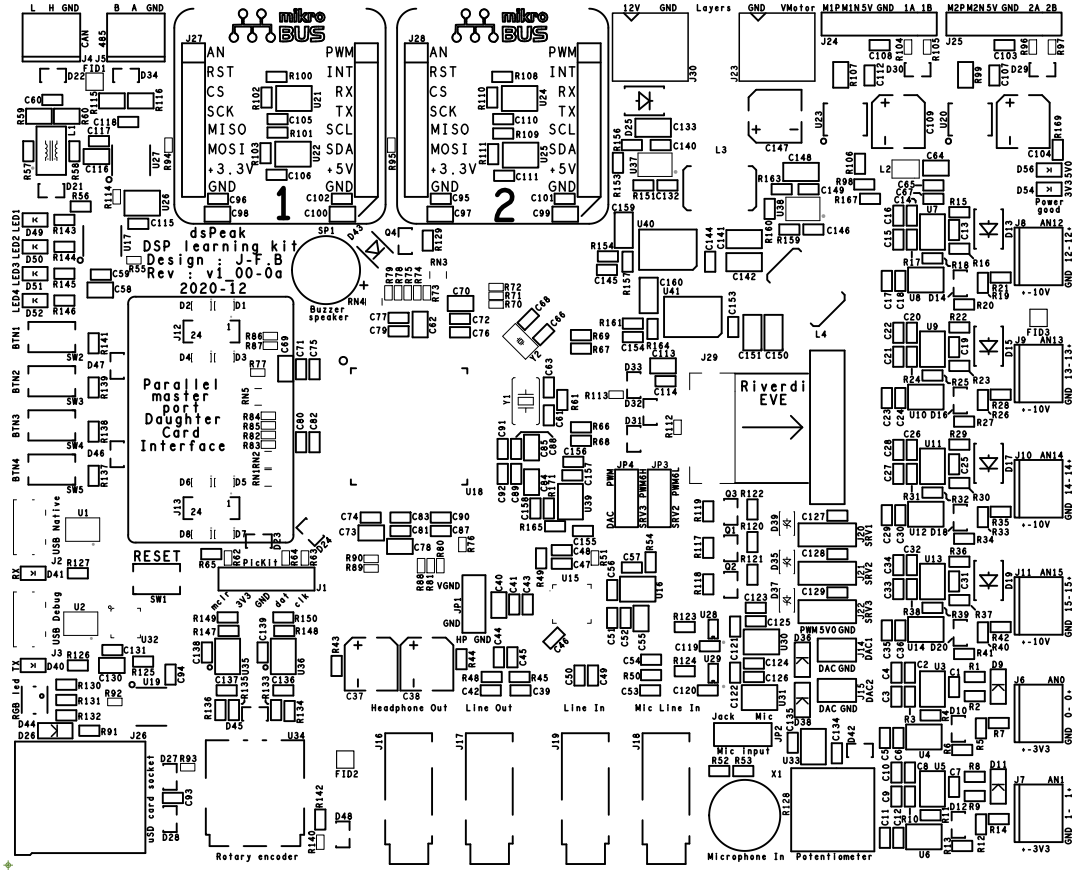


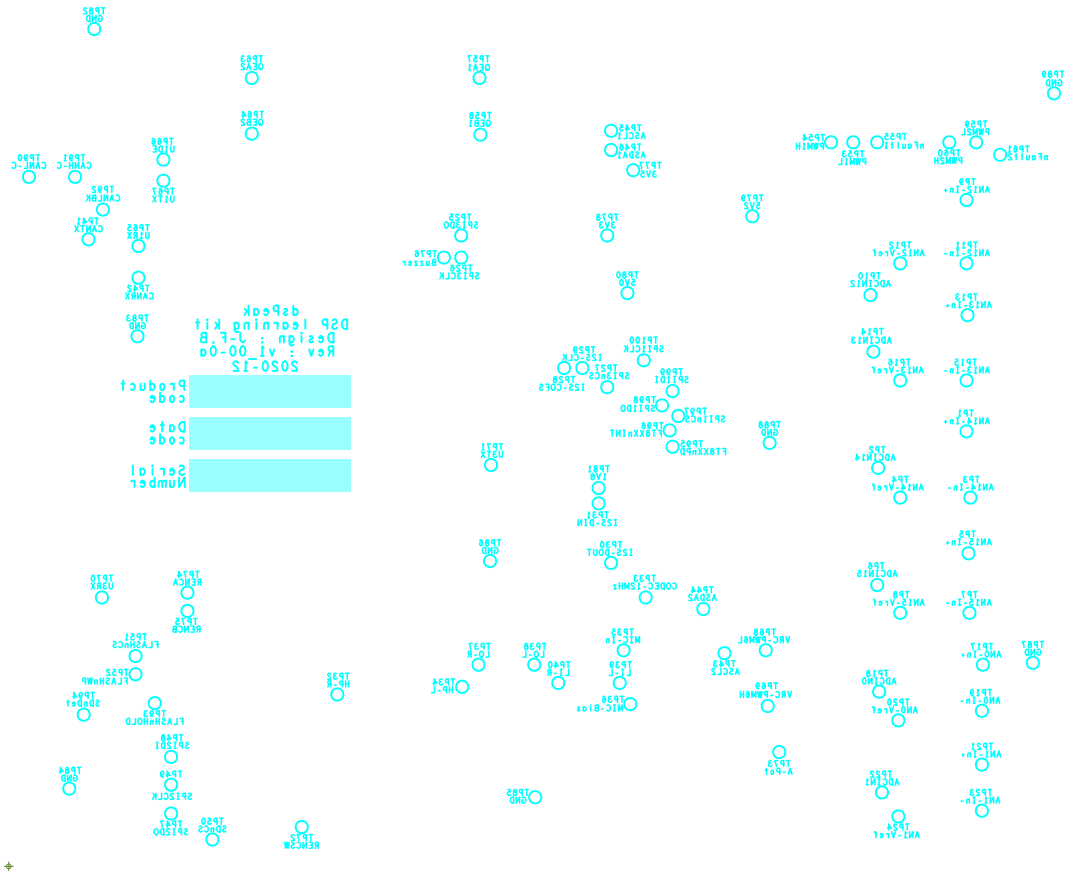
ART FILM - SoldermaskTop

ART FILM - SoldermaskBot

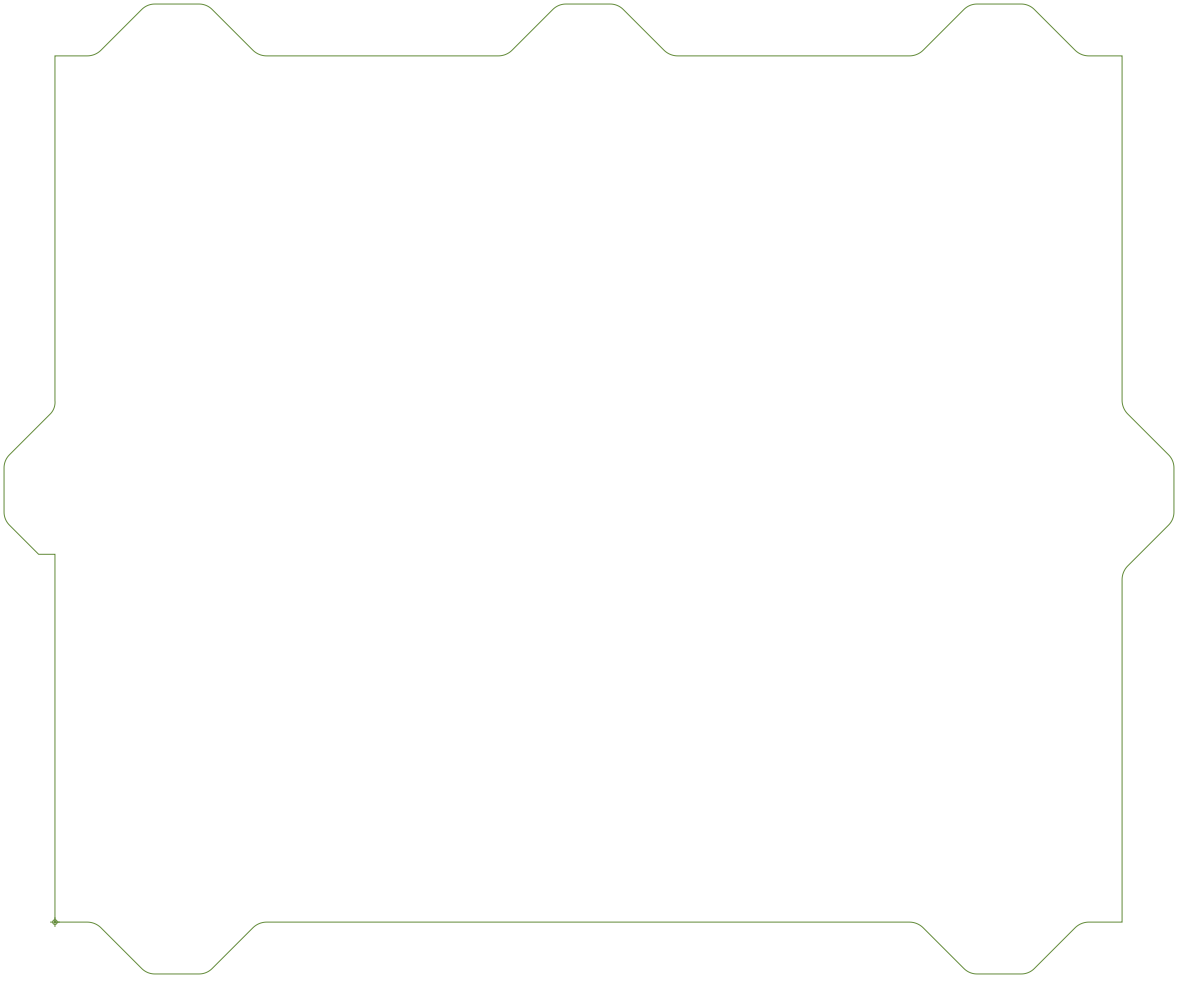


ART FILM - SoldermaskBot


mikro BUS
AN
RST
CS
SCK
MISO
MOSI
+3.3V
GND
PWM
INT
RX
TX
SCL
SDA
+5V
GND
1
2
dsPeak
DSP learning kit
Design : J-F.B
Rev : v1_00-0a
2020-12
Parallel master port Daughter Card Interface
RESET
PicKit
Buzzer speaker
Riverdi EVE
Headphone Out
Line Out
Line In
Mic Line In
Jack Mic
Mic input
Microphone In
Potentiometer
Rotary encoder
uSD card socket
USB Native
USB Debug
RGB Led
Power good
L H GND
B A GND
12V GND Layers
GND VMotor
M1P M1N 5V GND 1A 1B
M2P M2N 5V GND 2A 2B
AN12
AN13
AN14
AN15
ANO
AN1
GND 12-12+
GND 13-13+
GND 14-14+
GND 15-15+
GND 0-0+
GND 1-1+
+-10V
+-3V3
3V3 5V0
PWM 5V0 GND
DAC GND
DAC1
DAC2
SRV1
SRV2
SRV3
SRV4
PWM6
VGND
HP GND


Product code
Date code
Serial Number
DSP learning kit
Design : J.F.B
Rev : v1_00-0a
2020-12
TP82 GND
TP83 GEA2
TP84 GEB2
TP85 UTDX
TP86 CANH-C
TP87 UTTX
TP88 CANL-C
TP89 CANLBK
TP90 CANRX
TP91 GND
TP92 CANTX
TP93 GEA1
TP94 GEB1
TP95 SPI1DO
TP96 Buzzer
TP97 SPI1CLK
TP98 3V3
TP99 3V0
TP100 SPI1CK
TP101 SPI1DI
TP102 I2S-CLK
TP103 SPI1NSS
TP104 I2S-CDFS
TP105 SPI1DO
TP106 FT6XXINT
TP107 SPI1NSS
TP108 FT6XXRST
TP109 GND
TP110 UTTX
TP111 IVE
TP112 I2S-DIN
TP113 I2S-DOUT
TP114 GND
TP115 CODEC-ISMHX
TP116 ASDA2
TP117 ASCL2
TP118 VRC-PWMOL
TP119 VRC-PWMOH
TP120 A-Pot
TP121 ADC1N1
TP122 ANI-Vref
TP123 ADC1N2
TP124 ANI-In-
TP125 ADC1N3
TP126 ANI-In+
TP127 ADC1N4
TP128 ANI-Vref
TP129 ADC1N5
TP130 ANI-In-
TP131 ADC1N6
TP132 ANI-In+
TP133 ADC1N7
TP134 ANI-Vref
TP135 ADC1N8
TP136 ANI-In-
TP137 ADC1N9
TP138 ANI-In+
TP139 ADC1N10
TP140 ANI-Vref
TP141 ADC1N11
TP142 ANI-In-
TP143 ADC1N12
TP144 ANI-In+
TP145 ADC1N13
TP146 ANI-Vref
TP147 GND
TP148 ADC1N14
TP149 ANI-In-
TP150 ADC1N15
TP151 ANI-In+
TP152 ADC1N16
TP153 ANI-Vref
TP154 ADC1N17
TP155 ANI-In-
TP156 ADC1N18
TP157 ANI-In+
TP158 ADC1N19
TP159 ANI-Vref
TP160 ADC1N20
TP161 ANI-In-
TP162 ADC1N21
TP163 ANI-In+
TP164 ADC1N22
TP165 ANI-Vref

ART FILM - Outline



ART FILM - Outline