TRANSFORMER PRIMARY

U1
F1
USB1
R1
R2
U6

TRANSFORMER SECONDARY

U3
R4
100
C1
100nF
R3
D1
+
AC
AC
-
C2
C3
C5
U7
BIN
GND

BUCK CONVERTER

BIN
GND
U4
+VIN
-VIN
CTRL
+VO
-VO
TRIM
250kHz
C4
GND
VR1
R5
U5
10uF
GND
GND
C6
U8
U9
GND

Schematic	Schematic3		Create at	2025-12-31
			Update at	2026-01-01
Board	Power Supply		Page	P1
Drawn		Smart Sardines Dryer		
Reviewed				
	Version	Size	Page 1 Total 1	
	V1.0	A4	EasyEDA.com	