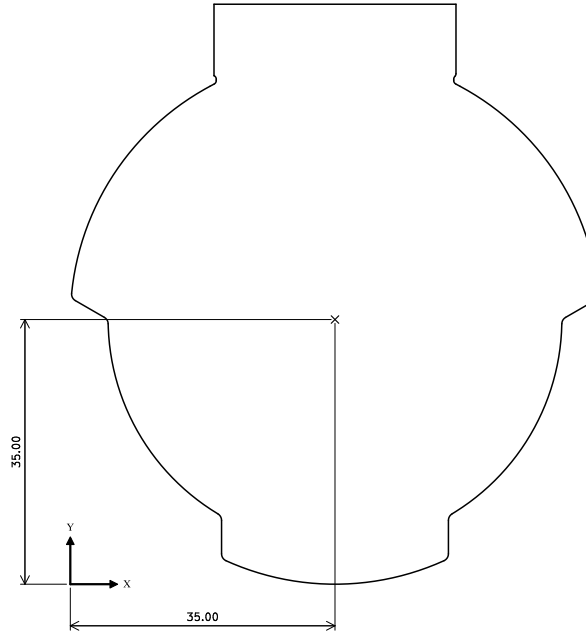


Top Test Points (Scale 1:1)

Ref.	Net	X [mm]	Y [mm]
TP1	MOTOR_ENABLE	40.58	22.69
TP2	MOTOR_HIZ	37.88	26.50
TP3	MOTOR_FAULT	32.78	25.46
TP4	DRV_SCLK	35.77	25.38
TP5	DRV_MISO	34.17	24.75
TP6	DRV_MOSI	41.36	21.98
TP8	PWM_PHASEA	38.40	24.35
TP9	PWM_PHASEB	39.05	23.37
TP10	PWM_PHASEC	39.65	24.35
TP11	SOA	30.28	25.30
TP12	SOB	29.58	24.60
TP13	SOC	28.88	23.90
TP14	SWDIO	45.53	15.02
TP15	SWCLK	44.60	14.45
TP16	NRST	44.60	15.60
TP17	AUX1_A	51.55	28.11
TP18	AUX1_B	51.19	29.89
TP19	AUX1_C	51.02	31.02
TP20	AUX1_D	52.48	31.43
TP21	AUX1_E	52.86	33.02
TP22	AUX1_12C_PULLUP	41.70	8.80
TP24	AUX2_A	21.70	26.10
TP25	AUX2_B	21.70	25.20
TP26	AUX2_C	20.80	25.20
TP27	AUX2_D	20.80	24.30
TP28	AUX2_12C_PULLUP	27.70	9.30
TP31	LED_DBG	26.55	8.15
TP32	LED_PWR	27.70	8.15
TP33	FD_CAN_RX	54.50	35.20
TP34	FD_CAN_TX	53.59	34.64
TP37	SENSE_TEMP_FET	13.34	47.28
TP38	SENSE_VBAT	12.67	35.77
TP39	+VBAT	8.78	45.85
TP40	+VBAT	43.95	33.50
TP41	+VBAT	14.50	37.80
TP42	F_VIN_12V	48.05	31.75
TP43	F_VIN_5V	11.40	39.15
TP45	+12V	46.01	16.53
TP46	+5V	5.75	44.05
TP48	+3V3	17.52	24.28
TP49	+3V3	43.60	14.00
TP51	+A3V3	26.80	29.72
TP52	GND	31.18	26.25
TP53	GND	56.95	39.22
TP54	GND	43.45	11.80
TP55	GND	17.68	35.27
TP56	GND	51.12	23.25
TP57	GND	45.53	13.90
TP59	GHA	43.58	34.55
TP60	GLA	43.58	35.75
TP61	SHA	44.00	35.15
TP62	GHB	30.42	35.38
TP63	GLB	32.07	35.58
TP64	SHB	30.57	36.08
TP65	GHC	26.27	35.88
TP66	CLC	26.27	34.50
TP67	SHC	25.77	35.27
TP68	SA_P	36.22	34.74
TP69	SA_N	35.47	34.74
TP70	SB_P	33.65	34.93
TP71	SB_N	34.40	34.93
TP72	SC_P	30.21	31.65
TP73	SC_N	30.21	30.90



All dimensions are in millimeters unless otherwise specified.