

Item	Reference	Value	Manufacturer	Description	Qty	PCB DECAL	Cost	Kit 1	Kit 2	Kit 3	Kit 4	Kit 5
1	Q8	2SA1145Y	TOSHIBA	PNP Low Noise PNP Transistor	1	TO-92D	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50		
2	Q12	Do not use	Fairchild	PNP Driver Transistor	0	TO-2-8H1AB						
3	Q7	2SC2705Y	TOSHIBA	NPN Low Noise NPN Transistor	1	TO-92D	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50		
4	Q10	Do not use	Fairchild	NPN Driver TRANSISTOR	0	TO-2-8H1AB						
5	Q2	2SJ74BL match	TOSHIBA	P-CHANNEL,LOW NOISE JFET	1	TO-92D	\$ 40.00	\$ 40.00	\$ 40.00			
6	Q1	2SK170BL match	Toshiba	N-CHANNEL, LOW NOISE JFET	1	TO-92D	\$ 15.00	\$ 15.00	\$ 15.00			
7	C1-2	560uf 35V 5mm	Panasonic FC	ALUMINUM ELECTROLYTIC CAP.	2	ECAP-A-5MM	\$ 4.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	
8	C7-8	220uf 35V 5mm	Panasonic FC	ALUMINUM ELECTROLYTIC CAP.	2	ECAP-A-5MM	\$ 2.50	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	
9	C5-6 C9-14	0.047uf 50V 5mm	Panasonic ECQ-V	RADIAL FILM CAPACITOR, MKS	8	CK06	\$ 1.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	
10	C3-4	Do not use	CDE	Mica 470pF 500V	0	CK06						
11	J7	2x1 pin Header	China	GENERIC 2 PIN SIP HEADER .100 CENTERS	1	SIP-2P	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	
12	J1-5 J17	Do not use	China	GENERIC 2 PIN SIP HEADER .200 CENTERS (5MM)	6	CONN-2P5MM						
13	Q5-6 Q11	2SK1530	TOSHIBA	MOSFET N CHANN POWER 200V 1.8A	3	TO-247_F4AB	\$ 60.00	\$ 180.00				
14	Q3-4 Q9	2SJ201	TOSHIBA	MOSFET P CHAN 200V 1.8A	3	TO-247_F4AB	\$ 60.00	\$ 180.00				
15	LED1-2	LED TH	Green	LIGHT EMITTING DIODE	2	LED	\$ 1.00	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00	
16	D1-5 D7	MUR3020W	Vishay	Switch Mode Power Rectifier	6	TO-247_F4	\$ 12.00	\$ 72.00	\$ 72.00	\$ 72.00		
17	J15 J16	4.7k TH1 with shrink tube	China	Varistor negative temp 4k7	2	SIP-2P	\$ 5.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	
18	R25-26	10K	Xicon	RES BODY:060 CENTERS:400	2	RM10_1/4WR	\$ 0.25	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	
19	R3-4	10R	Xicon	RES BODY:060 CENTERS:400	2	RM10_1/4WR	\$ 0.25	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	
20	R40-41	15k	Xicon	RES BODY:060 CENTERS:400	2	RM10_1/4WR	\$ 0.25	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	
21	R1	1K	Xicon	RES BODY:060 CENTERS:400	1	RM10_1/4WR	\$ 0.25	\$ 0.25	\$ 0.25	\$ 0.25	\$ 0.25	
22	R17-24 R31-34	1R3W	China 1% MF	RES BODY:060 CENTERS:400	12	RM12_5_3WR	\$ 1.00	\$ 12.00	\$ 12.00	\$ 12.00	\$ 12.00	
23	R5-6	1k to 475R	Xicon	RES BODY:060 CENTERS:400	2	RM10_1/4WR	\$ 0.25	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	
24	R7-10	220R3W	China 1% MF	RES BODY:060 CENTERS:400	4	RM12_5_3WR	\$ 1.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ 4.00	
25	R11-12	2k2 to 1.21k	Xicon	RES BODY:060 CENTERS:400	2	RM10_1/4WR	\$ 0.25	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	
26	R29-30	475R	Xicon	RES BODY:060 CENTERS:400	2	RM10_1/4WR	\$ 0.25	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	
27	R13-16 R35-36	47R to 49.9R	Xicon	RES BODY:060 CENTERS:400	6	RM10_1/4WR	\$ 0.25	\$ 1.50	\$ 1.50	\$ 1.50	\$ 1.50	
28	R2	47k	Xicon	RES BODY:060 CENTERS:400	1	RM10_1/4WR	\$ 0.25	\$ 0.25	\$ 0.25	\$ 0.25	\$ 0.25	
29	R27-28	4k7 to 10k	Xicon	RES BODY:060 CENTERS:400	2	RM10_1/4WR	\$ 0.25	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	
30	J6 J8-14	Do not use	China	M3 size	8	SCREWM3						
31	P3	200R	Bourns 3296W-1	VARIABLE RESISTOR (TOP ADJUST TYPE)	1	VRES-TOP-ADJ	\$ 3.00	\$ 3.00	\$ 3.00	\$ 3.00	\$ 3.00	
32	P1-2	5k	Bourns 3296W-1	VARIABLE RESISTOR (TOP ADJUST TYPE)	2	VRES-TOP-ADJ	\$ 3.00	\$ 6.00	\$ 6.00	\$ 6.00	\$ 6.00	
33	PCB-F5T	PCB-F5T	China	PCB-F5T	1	PCB-F5T	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00

Notes:

1. R11-12: Use 1.2k for Toshiba power mosfet - low Vgs; improve thermal stability
2. R27-28: 4k7 to 10k: 50% Vcc will be on input jfets, good for +/-22V supply
3. 47R to 49.9R; use 49.9R as alternative
4. R5-6 change to 475R, improve bias tuning

Note that this F5 Turbo kit price is for stereo channels (2 channels)

Single Channel	\$ 658	\$ 298	\$ 243	\$ 164	\$ 100
Stereo Channel	\$ 1,316	\$ 596	\$ 486	\$ 328	\$ 200
Shipping	\$ 100	\$ 80	\$ 80	\$ 65	\$ 50
Paypal fee	4%	4%	4%	5%	5%
Grand Total (HKD)	\$ 1,473	\$ 703	\$ 589	\$ 413	\$ 263
	Kit 1	Kit 2	Kit 3	Kit 4	Kit 5
USD estimated	\$ 188.80	\$ 90.13	\$ 75.47	\$ 52.90	\$ 33.65