

Flight controllers Lineup

Retired	F411-WSE	F405-WING F405-WSE	F765-WSE	H743-WING V2	H743-SLIM V1.5	H743-mini V1.5	F722-HD	F722-miniSE
Substitutes	F411-WTE	F405-WTE	H743-WLITE	H743-WING V3	H743-SLIM V3	H743-MINI V3	F405-HDTE	F405-miniTE
Size(mm)	31 x 26	44 x 29	44 x 29	54 x 36	36 x 36	36 x 28	36 x 36	28 x 28
Mounting(mm)				30.5 x 30.5	30.5 x 30.5	20 x 20	30.5 x 30.5	20 x 20
IMU	BMI270	ICM42688	ICM42688p	ICM42688p ICM42605	ICM42688p ICM42605	ICM42688p ICM42605	ICM42688p	ICM42605
Baro	SPL06-001	SPL06-001	DPS310	DPS310	DPS310	DPS310	SPL06-001	SPL06-001
PWM	6	11+1	12+1	12+1	12+1	10+1	11+1	11+1
UARTs	2+2	6	7	7	7	6	6	6
CAN bus			1	1	1	1		
Plane	WING series	WING series	WING series	WING series				
Multicopter 4in1 ESC					connector PNP	connector PNP	connector PNP	connector PNP
Multicopter Individual ESC					w/ PDB-HEX	w/ PDB-HEX	w/ PDB-HEX	w/ PDB-HEX
DJI PNP							connector PNP	connector PNP
ArduPilot		MatekF405TE	MatekH743	MatekH743	MatekH743	MatekH743	MatekF405TE	MatekF405TE
INAV	MatekF411TE	MatekF405TE_SD	MatekH743	MatekH743	MatekH743	MatekH743	MatekF405TE	MatekF405TE
Betaflight		MatekF405TE	MatekH743	MatekH743	MatekH743	MatekH743	MatekF405TE	MatekF405TE