

ARDUINO MEGA BOARD

Verdrahtung und Programmcodes

Catweazel

Board 1

Bezeichnung	Code on	Pin-Nr.	Pin-Nr.	Pin-Nr.
Parkbremse	C041 C040		22	
Autopilot Master	B01		23	
Heading Hold Switch	B04		24	
Nav Hold Switch	B10		25	
Approch Hold Switch	B08		26	
Back Course Hold Switch	B09		27	
Altitude Hold Switch	B05		28	
Altitude Down Switch	B12		29	
Altitude Up Switch	B11		30	
Display Autopilot				
ADF Rotary	A28 A32		33	34 35
GPS/NAV	A54			36
Display ADF XPDR DME				
DME NAV1 NAV2 Toogle	A44			39
XPDR Rotary	A34 A41		40	41 42
NAV2 Rotary	A19 A20		43	44 45
NAV2 Standby	A24			46
Display Comm2 Nav2				
Comm2 Standby	A12			49
Comm2 Rotary	A07 A08		50	51 52
Comm1 Standby	A06		15	
Display Comm1 Nav1				
NAV1 Standby	A18		18	
Comm1 Rotary	A01 A02		3	2 14
NAV1 Rotary	A13 A14		21	20 19
COM 1 Taster	A45		4	
COM 2 Taster	A46		5	
COM 1 COM 2 BOTH	A47		6	
NAV 1 Taster	A44		7	
NAV 2 Taster	A44		8	
MKR Taster	A53		9	
DME Taster	A50-51		10	
ADF Taster	A52		11	
ADF LED		Analogue	0	
DME LED		Analogue	1	
MKR LED		Analogue	2	
NAV 2 LED		Analogue	3	
NAV 1 LED		Analogue	4	
Both LED		Analogue	5	
COM 2 LED		Analogue	6	
COM 1 LED		Analogue	7	
Autopilot Master LED		Analogue	8	
Heading Hold Switch LED		Analogue	9	
NAV Hold Switch LED		Analogue	10	
Approch Hold Switch LED		Analogue	11	
Back Course Hold Switch LED		Analogue	12	Board1
Altitude Hold Switch LED		Analogue	13	

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Board 2

Bezeichnung	Code on	Pin-Nr.	Pin-Nr.
Motor Starter (OFF/R/L/BOTH/START)	E01 E02 E03 E04 E05	22 23 24	25 26
Master ALT/Batterie	E18 E17		27 28
Fuel Pump	F021 F020		29
BCN	C421 C420		30
Land	C431 C430		31
Taxi	C441 C440		32
Nav	C411 C410		33
Strobe	C451 C450		34
Pitot Heat	C05 C06		35
Avionics	A430 A431		36
Flaps	C170 C1725 C1750 C1775 C17100		37 38 39 40 41
Gear	C01 C02		42
ADF HDG Monitor Rotary			43 44
NAV2 OBS Rotary			45 46
NAV1 OBS Rotary	A55 A56		47 48
Heading Bug Rotary	A57 A58		12 11
Altitude Rotary + Center	C25 C26 + B	10	9 8

Displays

20

21 sda scl

Gear Down N LED	Analog 1
Gear Down L LED	Analog 2
Gear Down R LED	Analog 0
O LED	Analog 5
M LED	Analog 4
I LED	Analog 3
Master Warn LED	Analog 6
Stall LED	Analog 7
L VAC R LED	Analog 8
Low Fuel LED	Analog 9
Oil Pressure LED	Analog 10
Volts LED	Analog 11