

Bill of Materials: schematics.fzz

C:\Users\irons\Desktop\Autopilot\Schematics\schematics.fzz

Thursday, January 13 2022, 14:33:00

Assembly List

Label	Part Type	Properties
ALT ENC	Rotary Encoder with Knob	variant variant 1
ALT P R	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
ALT R	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
CRS ENC	Rotary Encoder with Knob	variant variant 1
CRS P R	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
CRS R	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
HDG ENC	Rotary Encoder with Knob	variant variant 1
HDG P R	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
HDG R	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
Part1	Arduino Mega 2560 (Rev3)	type Arduino MEGA 2560 (Rev3)
RS1	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
RS2	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
RS3	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
RS4	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
RS5	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
RS6	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT

Label	Part Type	Properties
RS7	10kΩ Resistor	pin spacing 400 mil; power 0.25; tolerance ±5%; resistance 10kΩ; bands 4; package THT
RS8	10kΩ Resistor	pin spacing 400 mil; power 0.25; tolerance ±5%; resistance 10kΩ; bands 4; package THT
RS9	10kΩ Resistor	pin spacing 400 mil; power 0.25; tolerance ±5%; resistance 10kΩ; bands 4; package THT
RS10	10kΩ Resistor	pin spacing 400 mil; power 0.25; tolerance ±5%; resistance 10kΩ; bands 4; package THT
RS11	10kΩ Resistor	pin spacing 400 mil; power 0.25; tolerance ±5%; resistance 10kΩ; bands 4; package THT
RS12	10kΩ Resistor	pin spacing 400 mil; power 0.25; tolerance ±5%; resistance 10kΩ; bands 4; package THT
RS13	10kΩ Resistor	pin spacing 400 mil; power 0.25; tolerance ±5%; resistance 10kΩ; bands 4; package THT
RS14	10kΩ Resistor	pin spacing 400 mil; power 0.25; tolerance ±5%; resistance 10kΩ; bands 4; package THT
S1	Pushbutton	switch status Released; package [THT]
S2	Pushbutton	switch status Released; package [THT]
S3	Pushbutton	switch status Released; package [THT]
S4	Pushbutton	switch status Released; package [THT]
S5	Pushbutton	switch status Released; package [THT]
S6	Pushbutton	switch status Released; package [THT]
S7	Pushbutton	switch status Released; package [THT]
S8	Pushbutton	switch status Released; package [THT]
S9	Pushbutton	switch status Released; package [THT]
S10	Pushbutton	switch status Released; package [THT]
S11	Pushbutton	switch status Released; package [THT]
S12	Pushbutton	switch status Released; package [THT]
S13	Pushbutton	switch status Released; package [THT]
S14	Pushbutton	switch status Released; package [THT]
VS ENC	Rotary Encoder with Knob	variant variant 1
VS R	10kΩ Resistor	pin spacing 400 mil; power 0.25; tolerance ±5%; resistance 10kΩ; bands 4; package THT

Shopping List

Amount	Part Type	Properties
4	Rotary Encoder with Knob	variant variant 1
21	10k Ω Resistor	pin spacing 400 mil; power 0.25; tolerance $\pm 5\%$; resistance 10k Ω ; bands 4; package THT
1	Arduino Mega 2560 (Rev3)	type Arduino MEGA 2560 (Rev3)
14	Pushbutton	switch status Released; package [THT]

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