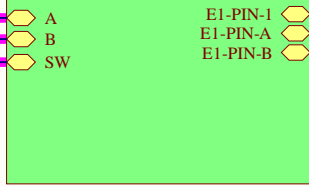


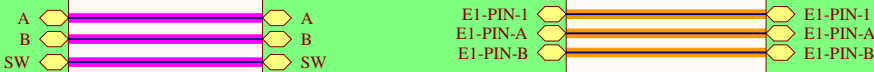
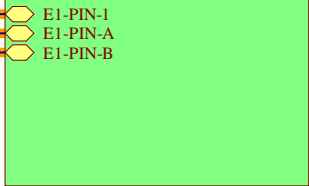
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1_Rotary_Encoder_Input_output.SchDoc



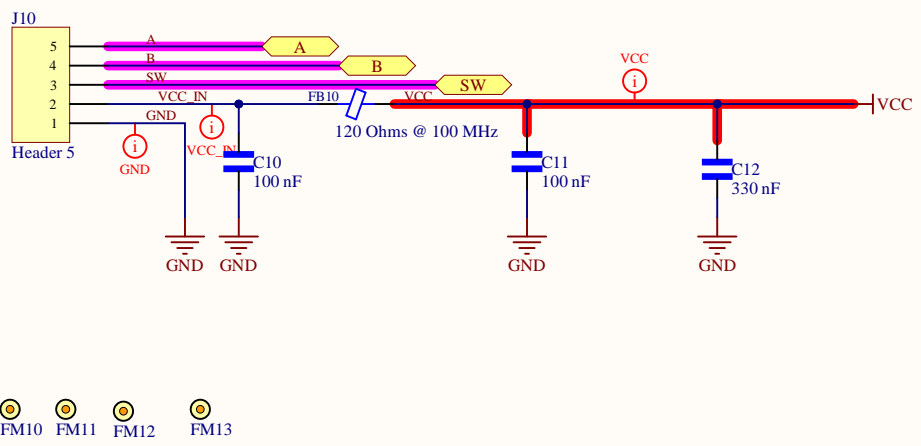
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2_Rotary_Encoder_IC.SchDoc



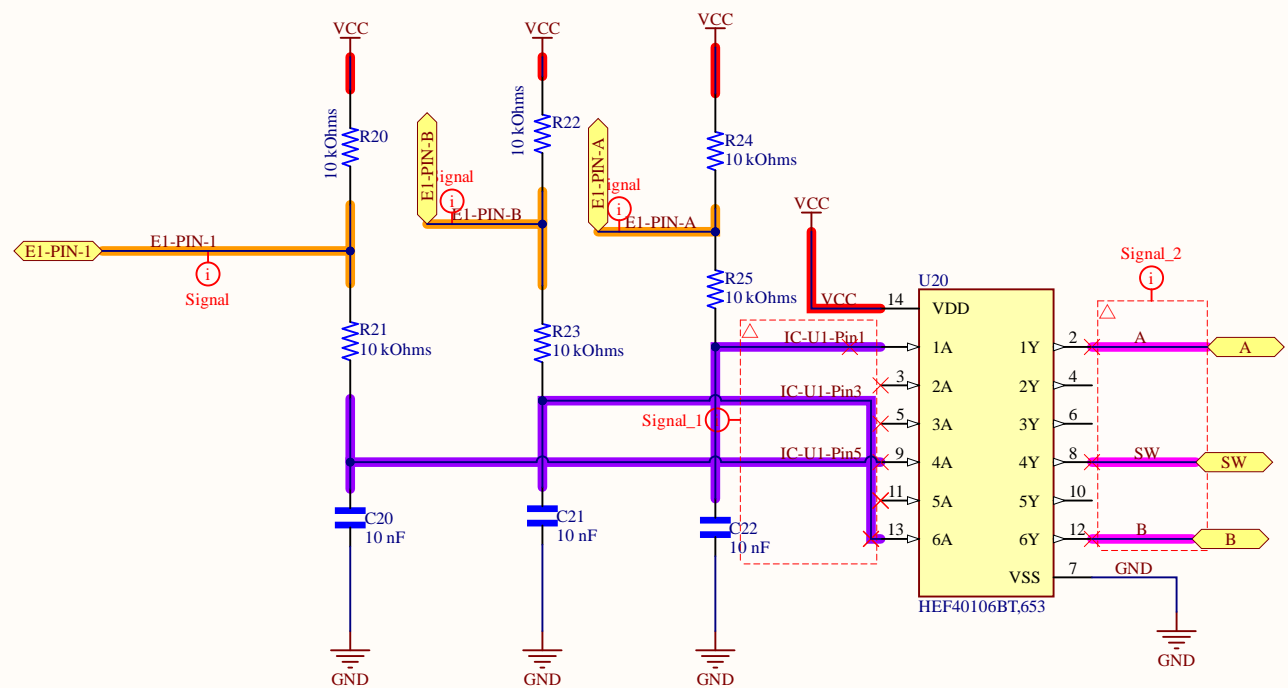
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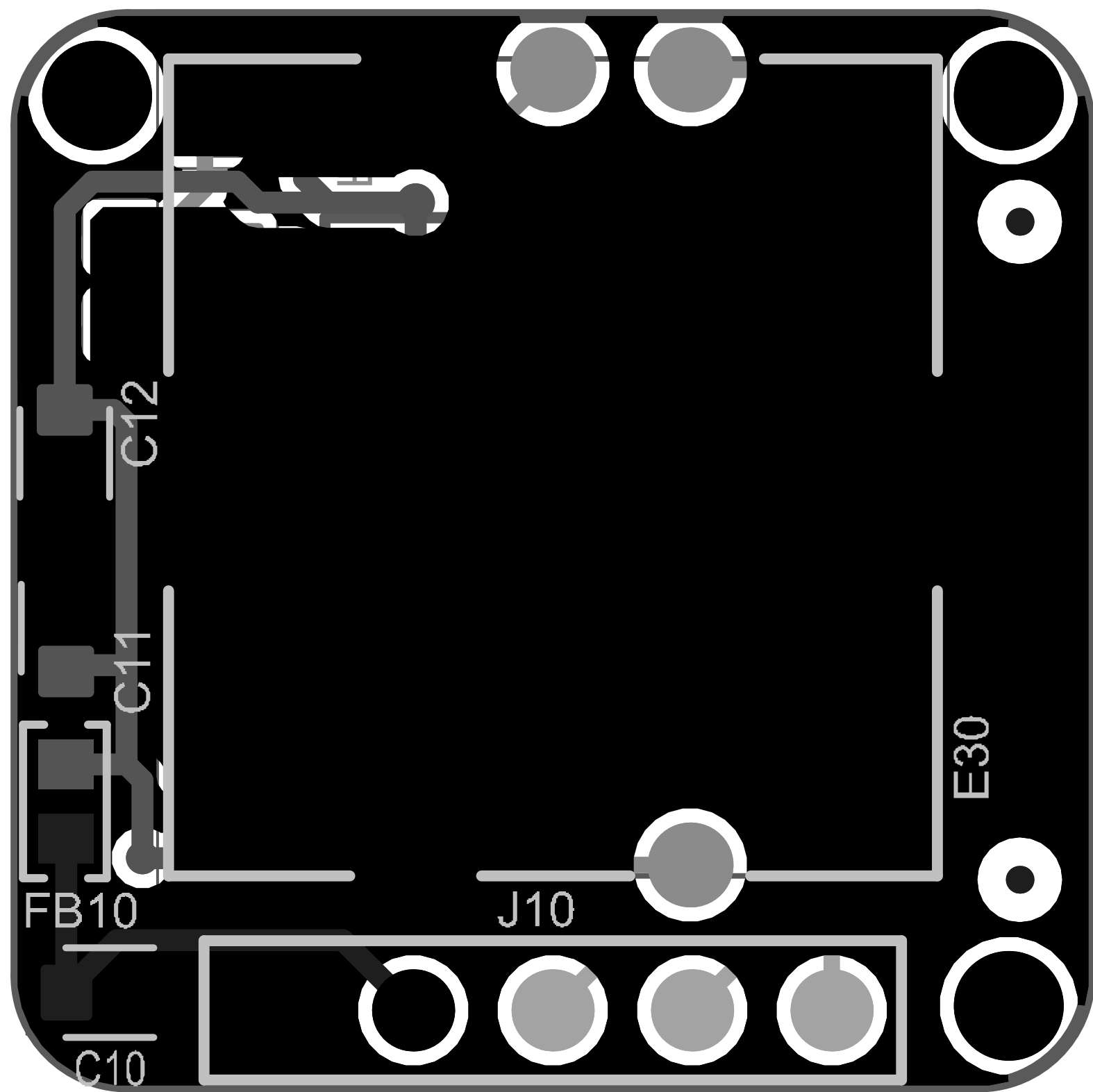
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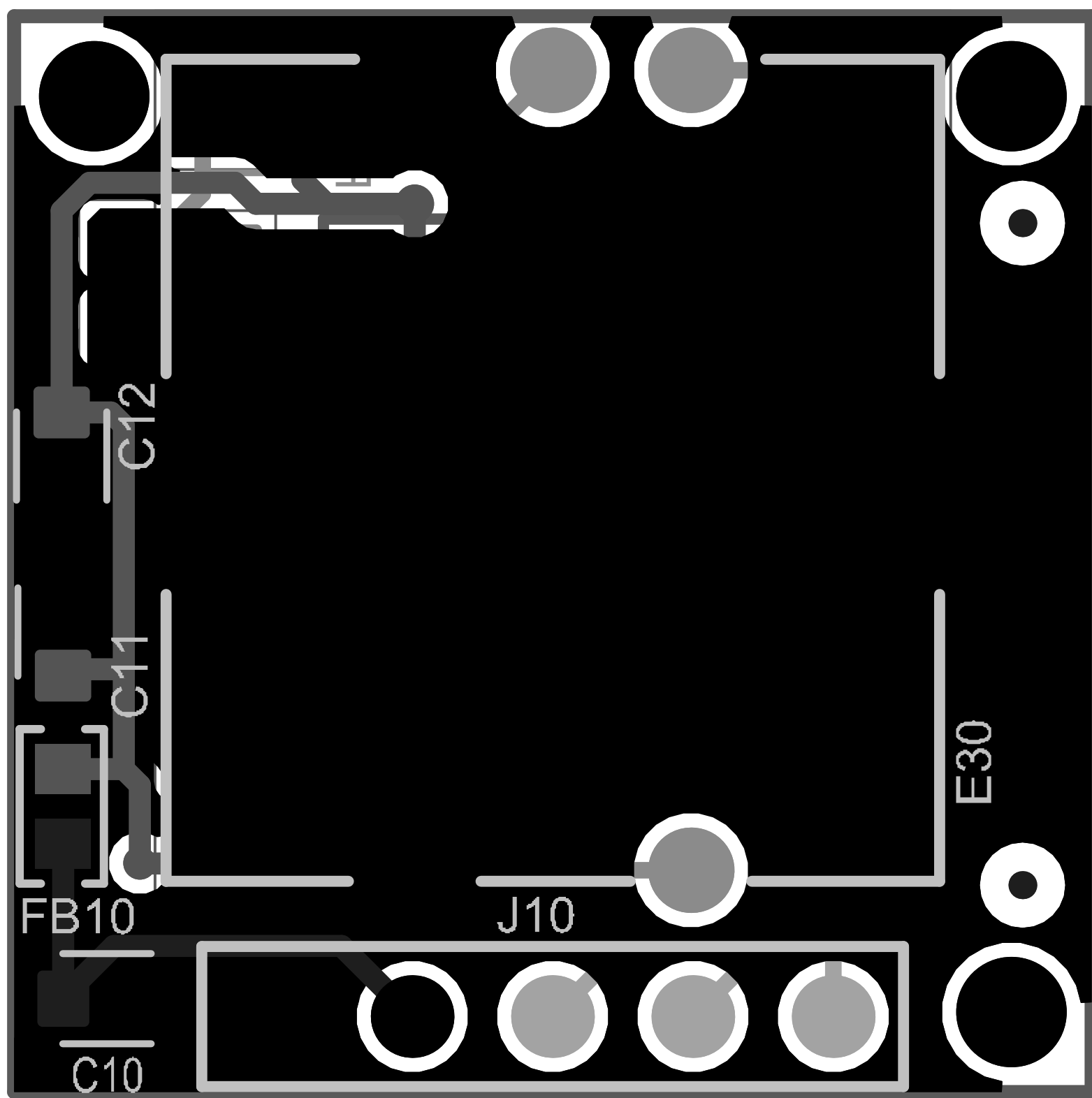


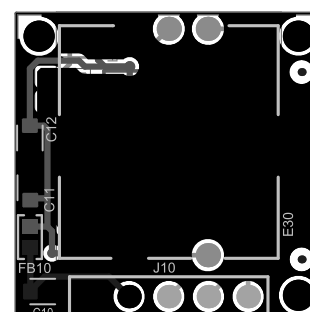
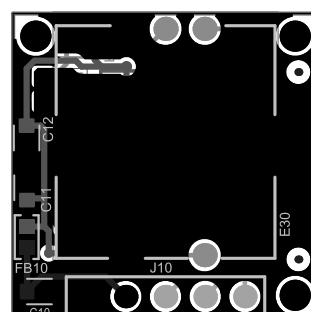
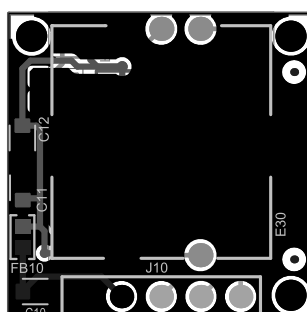
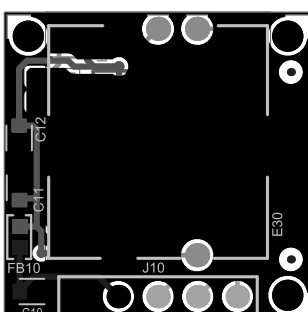
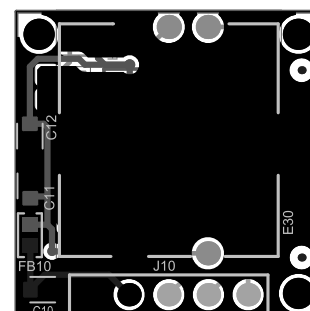
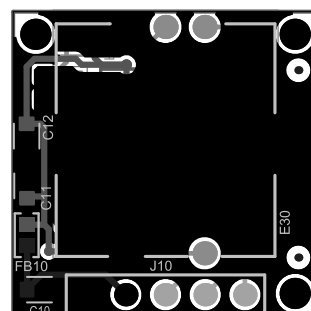
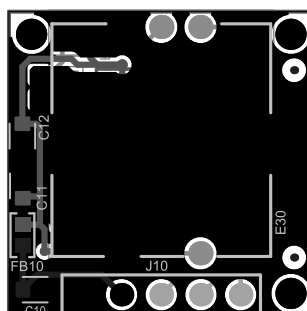
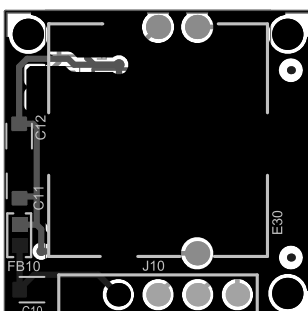
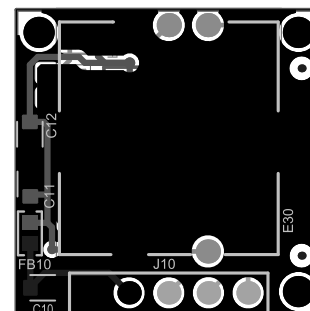
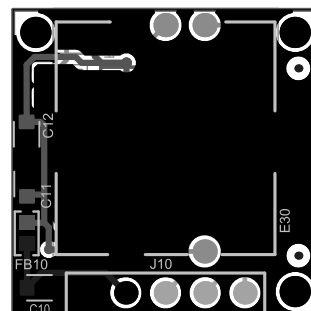
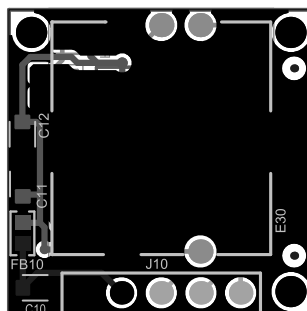
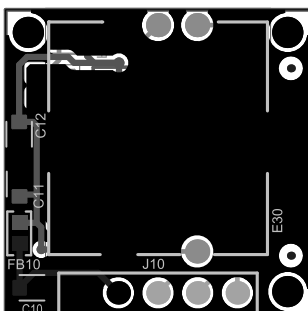
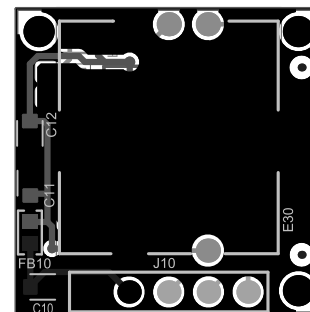
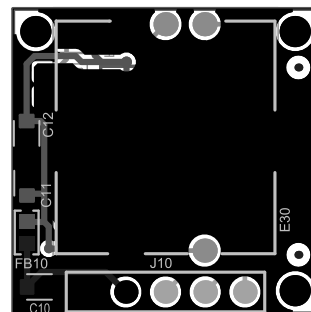
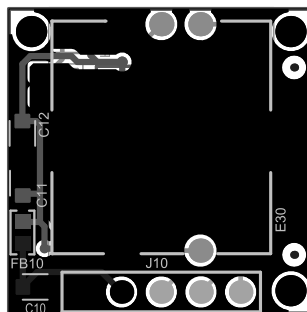
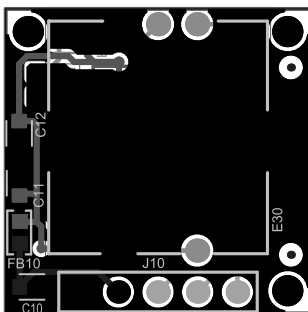
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| Line # | Name | Description | Designator | Quantity | Manufacturer 1 | Manufacturer Part Number 1 | Manufacturer Lifecycle 1 | Supplier 1 | Supplier Part Number 1 | Supplier Unit Price 1 | Supplier Subtotal 1 |
|--------|--------------------|--|------------------------------|----------|----------------|----------------------------|--------------------------|------------|------------------------|-----------------------|---------------------|
| | 100 nF | Ceramic Capacitor 16V 0603 (1608 Metric) | C10, C11 | 2 | | | | | | | |
| | 330 nF | Ceramic Capacitor 16V 0603 (1608 Metric) | C12 | 1 | | | | | | | |
| | 10 nF | Ceramic Capacitor 16V 0603 (1608 Metric) | C20, C21, C22 | 3 | | | | | | | |
| | PEC11R-4315F-S0012 | ROTARY ENCODER MECHANICAL 12PPR | E30 | 1 | Bourns | PEC11R-4315F-S0012 | Volume Production | Digi-Key | PEC11R-4315F-S0012-ND | 2.49 | 2.49 |
| | 120 Ohms @ 100 MHz | FERRITE BEAD 120 OHM 0603 1LN | FB10 | 1 | Pulse | PE-0603PFB121ST | Volume Production | Digi-Key | 553-2387-6-ND | 0.1 | 0.1 |
| | FM | Fiducial Marker | FM10, FM11, FM12, FM13 | 4 | | | | | | | |
| | Header 5 | Header, 5-Pin | J10 | 1 | | | | | | | |
| | 10 kOhms | 0603 | R20, R21, R22, R23, R24, R25 | 6 | | | | | | | |
| | HEF40106BT,653 | IC INVERT SCHMITT 6CH 6-INP 14SO | U20 | 1 | | | | | | | |