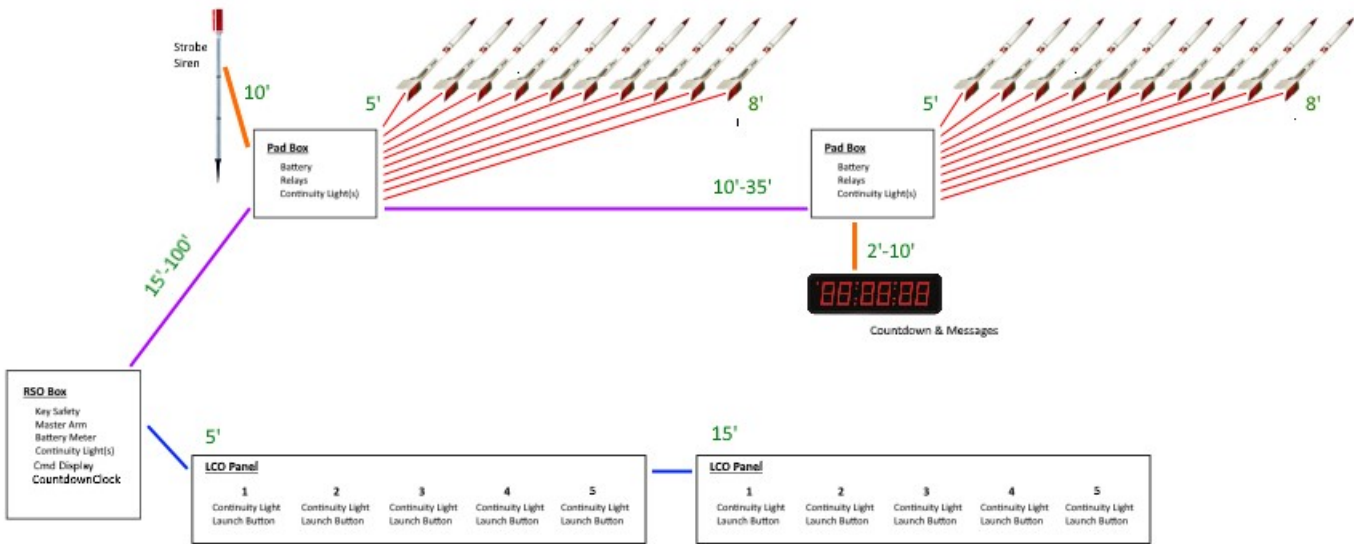
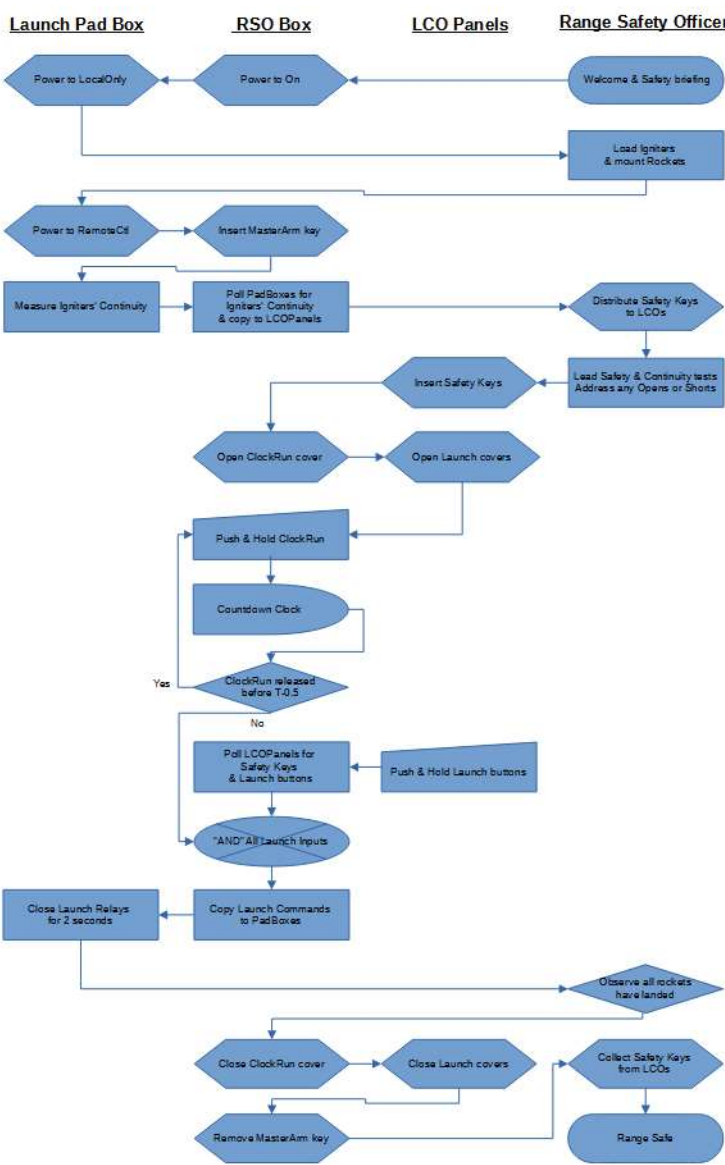


System Overview



Signal Lines
Igniter Current
Safety Warnings
Command Bus
Individual Continuity, Launch Command

Flowchart for Rocket Range operations

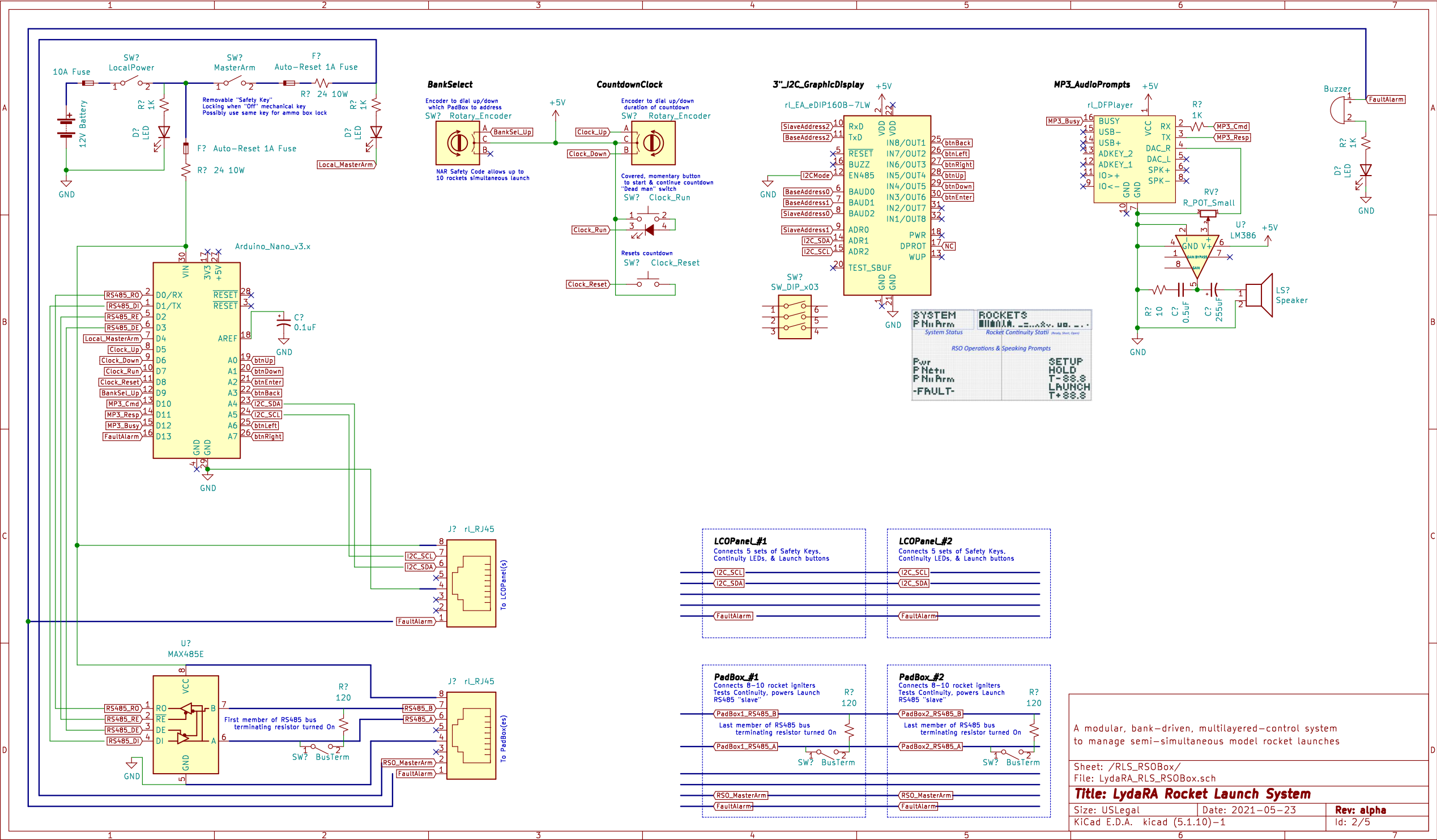


A modular, bank-driven, multilayered-control system to manage semi-simultaneous model rocket launches

Sheet: /
File: LydaRA_RocketLaunchSystem.sch

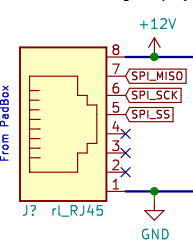
Title: **LydaRA Rocket Launch System**

Size: USLegal	Date: 2021-05-23	Rev: alpha
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CountdownMessageDisplay 6–12" High, (SETUP, HOLD, T–SS.d, LAUNCH, T+SS.d)



8 x 38 dot matrix

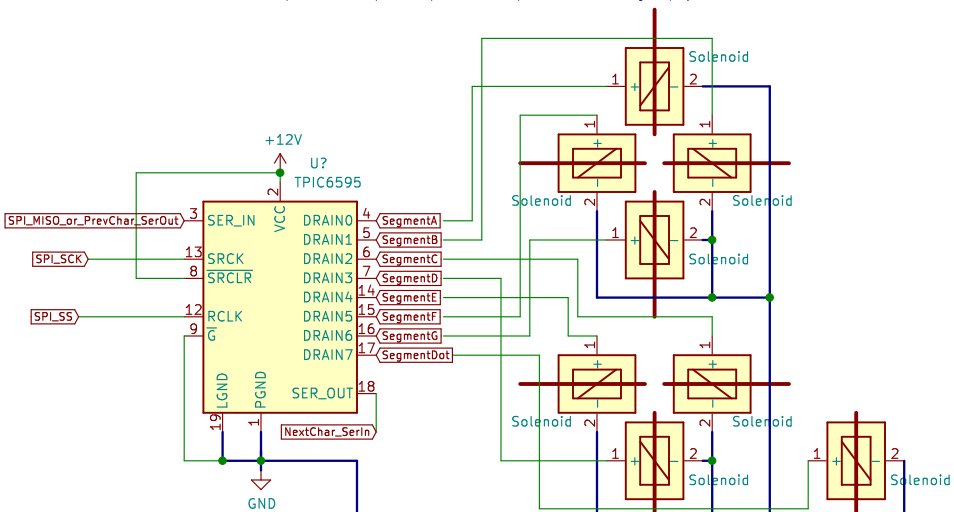
7–segment vs 14–segment



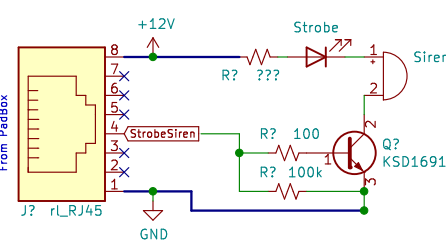
7–segment + custom "dots"



MechanicalCharacter_Sub–circuits Replicated 6 independant, parallel times per CountdownMessageDisplay



StrobeSirenPole



A modular, bank–driven, multilayered–control system
to manage semi–simultaneous model rocket launches

Sheet: /RLS_SafetyWarnings/
File: LydaRA_RLS_SafetyWarnings.sch

Title: LydaRA Rocket Launch System

Size: USLegal Date: 2021–05–23

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Rev: alpha

Id: 5/5