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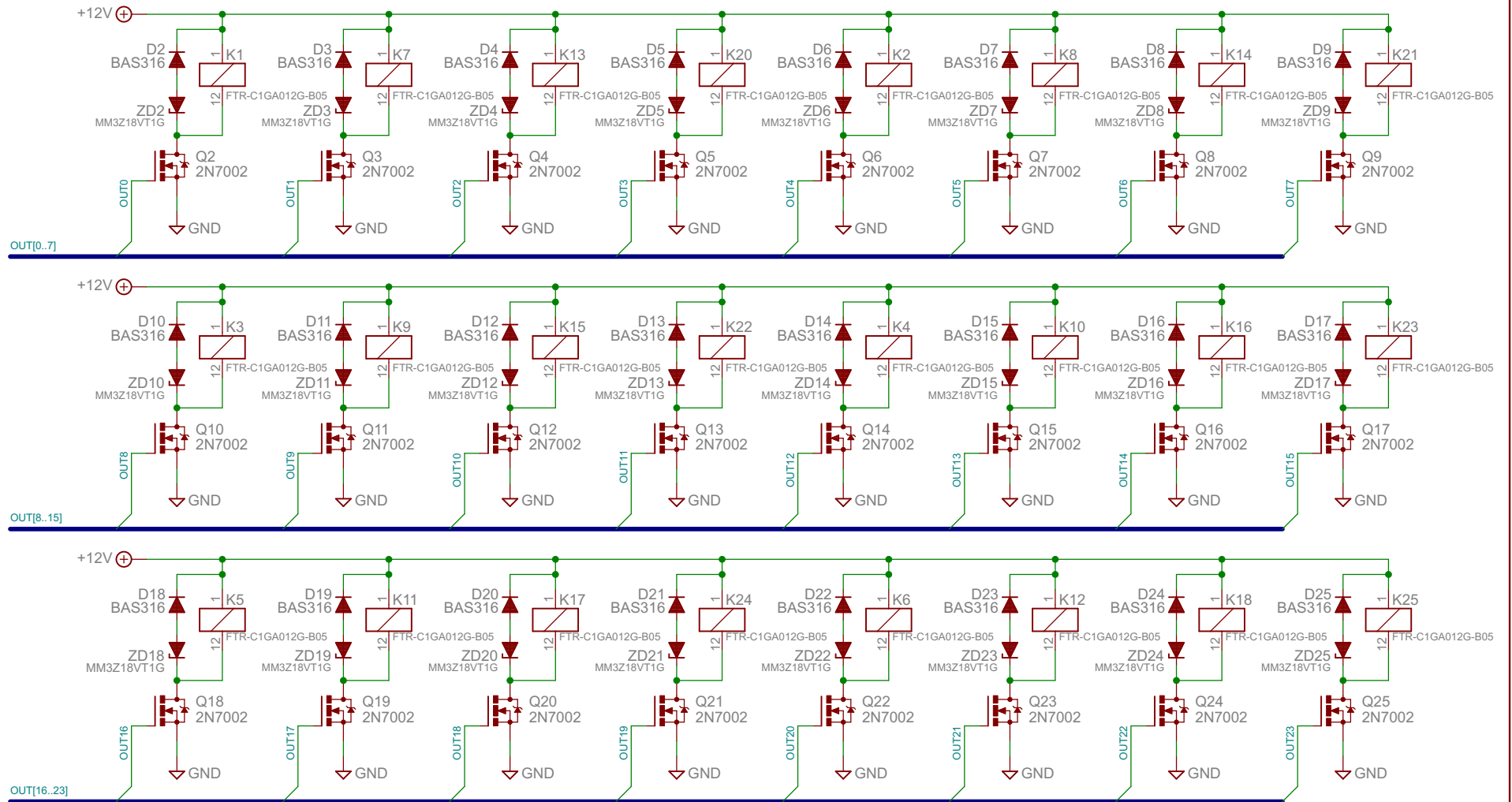
The schematic diagram illustrates the internal structure and pin connections of the STM32F030C6T6 microcontroller. The central component is the IC1, labeled STM32F030C6T6, which is a 32-bit ARM Cortex-M0+ microcontroller. The diagram shows the internal blocks, including the VDD_1, VSS_1, and VDD_2 power supply pins, the PC13, PC14-OSC32_IN, PC15-OSC32_OUT, PF0-OSC_IN, and PF1-OSC_OUT pins, the NRST reset pin, the VSSA, VDDA, PA0, PA1, PA2, PA3, PA4, PA5, PA6, PA7, PA8, PA9, PA10, PA11, PA12, PA13, PA14, PA15, PA16, PA17, PA18, PA19, PA20, PA21, PA22, PA23, PA24, PA25, PA26, PA27, PA28, PA29, PA30, PA31, PA32, PA33, PA34, PA35, PA36, PA37, PA38, PA39, PA40, PA41, PA42, PA43, PA44, PA45, PA46, PA47, PA48, PA49, PA50, PA51, PA52, PA53, PA54, PA55, PA56, PA57, PA58, PA59, PA60, PA61, PA62, PA63, PA64, PA65, PA66, PA67, PA68, PA69, PA70, PA71, PA72, PA73, PA74, PA75, PA76, PA77, PA78, PA79, PA80, PA81, PA82, PA83, PA84, PA85, PA86, PA87, PA88, PA89, PA90, PA91, PA92, PA93, PA94, PA95, PA96, PA97, PA98, PA99, PA100, PA101, PA102, PA103, PA104, PA105, PA106, PA107, PA108, PA109, PA110, PA111, PA112, PA113, PA114, PA115, PA116, PA117, PA118, PA119, PA120, PA121, PA122, PA123, PA124, PA125, PA126, PA127, PA128, 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Switch matrix relays control

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