Vivado AXI Timer and Interrupts

Benjamin A. Blouin

*benjamin.blouin@temple.edu*

**Summary**

This lab uses the AXI Timer and interrupts on the Digilent Zybo embedded development board. It is built from the concepts learned through completing and executing the fourth section of chapter 2 of the Next Steps in Zynq SoC Design. The on-board buttons can increment or decrement the timer through an ISR; the current timer maximum or minimum count is shown (countChangeTimer) via on-board LEDs for two seconds. The on-board switches allow the buttons to change the countChangeTimer through control logic; switch and button zero increase the countChangeTimer up to a maximum of seven. Switch and button one decrease to a minimum of zero. Switch two allows for both behaviors but changes the buttons that carry out the behavior from zero and one to two and three, respectively. Switch three, if enable without any other input, enters a reset state, where the countChangeTimer is set to three. If, while in the reset state, another input happens either through switch, button, or any combination, an error state occurs. All LEDs blink at on and off for one second intervals, until all the other slide switches are off and no push buttons are being depressed. When slide switch three is turned off the program can return to normal operation.

**Introduction**

In embedded processing, an interrupt is a signal the processor receives that temporarily halts current activities. The current state the processor is in is saved, and then an interrupt service routine addresses the reason for the interrupt. There are many timers on the Zynq-7000 SOCs, and in the case of this lab, a PL fabric timer that is a built-in IP block implemented in the Vivado IDE and activated for behavior in the SDK.

Embedded design is generally used in real-time environments that need to react asynchronously, which cannot be temporally predicted. Interrupt requests for everyday computing include keyboards and mice, which generate an IRQ which must be serviced so the key click can become input, or the cursor can move smoothly. Using interrupts allows the processor to continue processing other instructions. The other way to service asynchronous events is polling, but this logic ties up the processor because it must continuously check input data. This leads to two outcomes: either the CPU can’t do other processors in an efficient timeframe, or the input is not real-time since the CPU is processing other instructions. (Taylor, 2014)

The project uses the LogiCORE™ IP AXI Timer/Counter, which is a 32/64-bit timer module that interfaces to the AXI4-Lite interface. The timer is connected to the PS-PL clock interface at 100MHz. The generate mode is set to Auto-Reload, which generates a one clock cycle pulse every-time the counter rolls over to zero. For this project the 32-bit even generation mode is used as an increment timer (LogiCORE™ Product Guide). When the 32-bit counter is set to count up the equation for figuring the timing interval is:

. The max count for the 32-bit mode is 0xFFFFFFFF and TLRx represents the value in the load register (LogiCORE™ Product Guide pg19). The minimum period, where the MAX\_COUNT is the same as the load register value, is 20ns; the longest period with the load register starting from zero is around 42.95 seconds.

The timer used also has a 64-bit setting, which concatenates TLR = {TLR1, TLR0}, has an event generation timing interval equation:

. The max count in 64-bit mode is 0xFFFFFFFFFFFFFFFF. The minimum period would be the same case as the 32-bit timer, but the period would be 40ns. The maximum period, counting from zero, would be ≈ 5846 Gregorian calendar years, or about the same as the half-life of carbon-14. It is referred to cascade mode, because it uses two 32-bit timers, with a check of both timer banks.

A concatenation IP block must be used to interface the timer interrupt and the push button interrupt. Our design uses the LogiCORE IP Concat block (Xilinx.com, 2019). The Concat IP core provides a mechanism to combine bus signals of varying width into a single bus. The timer interrupt and button interrupt signals are one bit, which are concatenated for use by the Zynq processor IP block. This must be done, as the Zynq processor has one interrupt port for PL-PS sharing.

The first tutorial does not include the buttons, and only implements a counting-by-binary timer-counter that outputs the count to the on-board LEDs. The second tutorial implements the buttons, that increments the LED output by button value whilst also counting by timer interrupt, which represents the timer count, by the value of the button pushed. Using these tutorials and block design we continued the lab.

**Discussion**

After creating the block diagrams from following the tutorials given, we were then tasked to create a new set of behavior. Understanding how to setup and use the timer and interrupt handlers were greatly aided by the tutorial. In the rest of the discussion I will only refer to the non-tutorial parts of the lab, as the explanation of the latter passes information about the former.

The two interrupts in our case are the timer overflow signal created through the AXI timer IP, and the button interrupt created by the GPIO IP. Because interrupts can happen at the same time the GIC gives priority in a hierarchical fashion. If the two interrupts have the same priority the unique interrupt identifier highest value is chosen first. The concatenation block in the design, shown in figure 3, gives the least significant bit to port zero, which is connected to the button interrupt. This means the higher priority interrupt in the design is the timer. Interrupts are addressed by hardware address, which can either be found in Vivado, found in the SDK board support package (BSP), or can be automatically assigned by the built-in macro definitions in the header files. Two static global variables are needed, one for the interrupt controller driver, and one for the GPIO device. Also needed during interrupt setup is a GIC config pointer variable, which will hold the GIC configuration returned by the “GIC\_lookup” function. The Xilinx exception function must also be called, the configuration must be initialized, and the exception register handle is set. This is where you set the function name used to service the interrupt. To complete the setup the GPIOs must be initialized, data directions set, and interrupts enabled for the buttons. The IRQ type can be found in the xgpios.h file, and then the callback handler can be set, which points the button interrupt to the ISR function.

The timer is initialized in the same way, were the timer configuration pointer is initialized by a built-in function to instantiate and assign the struct, with almost the same set of ideas from the previous interrupt setup. There is a specific function for loading the timer, which in generation mode is the value the counter begins counting from, until the overflow signal is asserted. Through the product specification for the AXI timer, the reset signal must be called immediately before the start signal is sent to the timer.

Now that we have setup the timers, interrupts, and GPIOs, we can now create code for the behavior. The while loop in main is used for checking switch values 8,2, and 1. Switch value 4 is used in a later stage, but since its behavior is the same as the first two switch choices, with the buttons shifting left twice. Switch three calls the reset and error state function. The reset states turn off the timer, interrupts, and resets the default timer count value to three. Inside the function control statements check for any other input besides switch three; if this is the case the error state is entered. These two states continue until switch three is turned off.

Switch zero changes the sign variable to positive one, and switch one changes the variable to zero. Inside the button interrupt control statements check for button choice, the variable the timer counts up to, and removes any chance incorrect input can change behavior. Because the value being counted to can change, the total length of the timer interrupt handler can be controlled through the variable changing by button choice. The AXI timer loaded with 0xFE000000 creates a timer that takes about 0.3355 seconds. Since the default timer count max is three, the default timer for each bit addition is about 1.007 seconds. The values for timer counts, from zero to seven, are in seconds of ascending order: 0.3355, 0.6711, 1.007, 1.342, 1.678, 2.013, 2.349, and 2.684. These values were calculated using the formulas given in the AXI timer product brief. These values can be modified by changing the timer counter load value. As described above, starting with the load value of zero, the base counter timer signal would assert about every 42.95 seconds. This would be the way to implement a longer timer, but if one wanted to test the limits of time, a 64-bit timer could be used with unreal time between signal asserts. So, one could implement a longer timer in the design by changing the load value, or by implementing the 64-bit timer.

**Conclusions**

This lab was a success in that all behaviors were achieved, timing values were calculated, and extended timer instances were explored. The depth of knowledge I gained form this lab was extensive, as learning how the IP blocks used in the design was integral to design. Without the AXI timer design documentation determination of timer values would have been wildly inaccurate. The design was also modified as new lab documentation, which improved behavioral performance, making visual behavior identification successful.

**Appendices**

Cl.cam.ac.uk. (2019). ARM® Generic Interrupt Controller Architecture version 2.0 Architecture Specification. [online] Available at: <https://www.cl.cam.ac.uk/research/srg/han/ACS-P35/zynq/arm_gic_architecture_specification.pdf> [Accessed 19 Feb. 2019].

LogiCORE™ Product Guide, AXI Timer v2.0, PG079, October 5th, 2016 <https://github.com/3keepmovingforward3/Embedded-System-Design-Sp19/blob/master/zynq_interrupts/pg079-axi-timer.pdf> [Accessed 18 Feb. 2019].

Taylor, A. (2014). How to Use Interrupts on the Zynq SoC. Xcell journal, [online] (87), pp.38-43. Available at: <https://www.xilinx.com/publications/archives/xcell/Xcell87.pdf> [Accessed 19 Feb. 2019].

Xilinx.com. (2019). LogiCORE IP Concat (v2.1). [online] Available at: <https://www.xilinx.com/support/documentation/ip_documentation/xilinx_com_ip_xlconcat/v2_1/pb041-xilinx-com-ip-xlconcat.pdf> [Accessed 18 Feb. 2019].

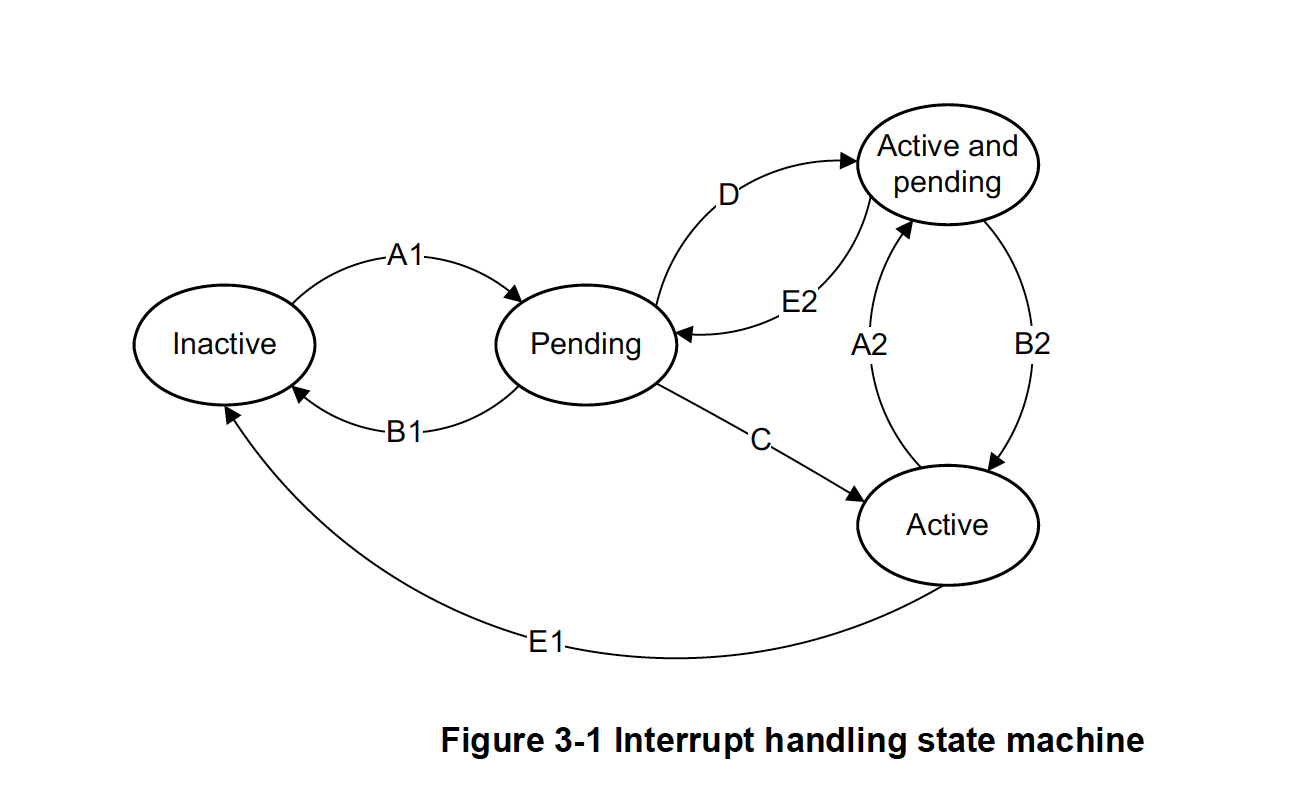
****

Figure GIC State Diagram

![A screenshot of a cell phone

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAwADAAAD/4RDiRXhpZgAATU0AKgAAAAgABAE7AAIAAAAIAAAISodpAAQAAAABAAAIUpydAAEAAAAQAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGJibG91aW4AAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzYxAACSkgACAAAAAzYxAADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyMDE5OjAyOjE4IDEyOjUzOjIzADIwMTk6MDI6MTggMTI6NTM6MjMAAABiAGIAbABvAHUAaQBuAAAA/+ELGmh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMTktMDItMThUMTI6NTM6MjMuNjE0PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPmJibG91aW48L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgCpwS1AwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+kaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiivP/jnqV9pHwZ1u90m9uLG7iNv5dxbStHImbiMHDKQRkEj6GgD0CivAPDvwj8b6/wCF9K1j/hcPiC3/ALQs4bryczt5fmIG25+0DOM4zgVpf8KN8b/9Fo8Qf98z/wDyRQB7bRXiX/CjfG//AEWjxB/3zP8A/JFH/CjfG/8A0WjxB/3zP/8AJFAHttFeJf8ACjfG/wD0WjxB/wB8z/8AyRR/wo3xv/0WjxB/3zP/APJFAHttFeJf8KN8b/8ARaPEH/fM/wD8kUf8KN8b/wDRaPEH/fM//wAkUAe20V4l/wAKN8b/APRaPEH/AHzP/wDJFH/CjfG//RaPEH/fM/8A8kUAe20V4l/wo3xv/wBFo8Qf98z/APyRR/wo3xv/ANFo8Qf98z//ACRQB7bRXiX/AAo3xv8A9Fo8Qf8AfM//AMkUf8KN8b/9Fo8Qf98z/wDyRQB7bRXiX/CjfG//AEWjxB/3zP8A/JFH/CjfG/8A0WjxB/3zP/8AJFAHttFeJf8ACjfG/wD0WjxB/wB8z/8AyRR/wo3xv/0WjxB/3zP/APJFAHttFeJf8KN8b/8ARaPEH/fM/wD8kUf8KN8b/wDRaPEH/fM//wAkUAe20V4l/wAKN8b/APRaPEH/AHzP/wDJFH/CjfG//RaPEH/fM/8A8kUAe20V4l/wo3xv/wBFo8Qf98z/APyRR/wo3xv/ANFo8Qf98z//ACRQB7bRXiX/AAo3xv8A9Fo8Qf8AfM//AMkUf8KN8b/9Fo8Qf98z/wDyRQB7bRXiX/CjfG//AEWjxB/3zP8A/JFH/CjfG/8A0WjxB/3zP/8AJFAHttFeJf8ACjfG/wD0WjxB/wB8z/8AyRR/wo3xv/0WjxB/3zP/APJFAHttFeJf8KN8b/8ARaPEH/fM/wD8kUf8KN8b/wDRaPEH/fM//wAkUAe20V4l/wAKN8b/APRaPEH/AHzP/wDJFH/CjfG//RaPEH/fM/8A8kUAe20V4l/wo3xv/wBFo8Qf98z/APyRR/wo3xv/ANFo8Qf98z//ACRQB7bRXiX/AAo3xv8A9Fo8Qf8AfM//AMkUf8KN8b/9Fo8Qf98z/wDyRQB7bRXiX/CjfG//AEWjxB/3zP8A/JFH/CjfG/8A0WjxB/3zP/8AJFAHttFeJf8ACjfG/wD0WjxB/wB8z/8AyRR/wo3xv/0WjxB/3zP/APJFAHttFeJf8KN8b/8ARaPEH/fM/wD8kUf8KN8b/wDRaPEH/fM//wAkUAe20V4l/wAKN8b/APRaPEH/AHzP/wDJFH/CjfG//RaPEH/fM/8A8kUAe20V4l/wo3xv/wBFo8Qf98z/APyRR/wo3xv/ANFo8Qf98z//ACRQB7bRXiX/AAo3xv8A9Fo8Qf8AfM//AMkUf8KN8b/9Fo8Qf98z/wDyRQB7bRXiX/CjfG//AEWjxB/3zP8A/JFH/CjfG/8A0WjxB/3zP/8AJFAHttFeJf8ACjfG/wD0WjxB/wB8z/8AyRR/wo3xv/0WjxB/3zP/APJFAHttFeJf8KN8b/8ARaPEH/fM/wD8kUf8KN8b/wDRaPEH/fM//wAkUAe20V4l/wAKN8b/APRaPEH/AHzP/wDJFH/CjfG//RaPEH/fM/8A8kUAe20V4l/wo3xv/wBFo8Qf98z/APyRR/wo3xv/ANFo8Qf98z//ACRQB7bRXiX/AAo3xv8A9Fo8Qf8AfM//AMkUf8KN8b/9Fo8Qf98z/wDyRQB7bRXiX/CjfG//AEWjxB/3zP8A/JFH/CjfG/8A0WjxB/3zP/8AJFAHttFeJf8ACjfG/wD0WjxB/wB8z/8AyRR/wo3xv/0WjxB/3zP/APJFAHttFeJf8KN8b/8ARaPEH/fM/wD8kUf8KN8b/wDRaPEH/fM//wAkUAe20V4l/wAKN8b/APRaPEH/AHzP/wDJFH/CjfG//RaPEH/fM/8A8kUAe20V4l/wo3xv/wBFo8Qf98z/APyRR/wo3xv/ANFo8Qf98z//ACRQB7bRXiX/AAo3xv8A9Fo8Qf8AfM//AMkUf8KN8b/9Fo8Qf98z/wDyRQB7bRXiX/CjfG//AEWjxB/3zP8A/JFH/CjfG/8A0WjxB/3zP/8AJFAHttFeJf8ACjfG/wD0WjxB/wB8z/8AyRR/wo3xv/0WjxB/3zP/APJFAHttFeJf8KN8b/8ARaPEH/fM/wD8kUf8KN8b/wDRaPEH/fM//wAkUAe20V4l/wAKN8b/APRaPEH/AHzP/wDJFH/CjfG//RaPEH/fM/8A8kUAe20V4l/wo3xv/wBFo8Qf98z/APyRR/wo3xv/ANFo8Qf98z//ACRQB7bRXiX/AAo3xv8A9Fo8Qf8AfM//AMkUf8KN8b/9Fo8Qf98z/wDyRQB7bRXiX/CjfG//AEWjxB/3zP8A/JFH/CjfG/8A0WjxB/3zP/8AJFAHttFeJf8ACjfG/wD0WjxB/wB8z/8AyRR/wo3xv/0WjxB/3zP/APJFAHttFeJf8KN8b/8ARaPEH/fM/wD8kUf8KN8b/wDRaPEH/fM//wAkUAe20V4l/wAKN8b/APRaPEH/AHzP/wDJFH/CjfG//RaPEH/fM/8A8kUAe20V4l/wo3xv/wBFo8Qf98z/APyRR/wo3xv/ANFo8Qf98z//ACRQB7bRXiX/AAo3xv8A9Fo8Qf8AfM//AMkUf8KN8b/9Fo8Qf98z/wDyRQB7bRXiX/CjfG//AEWjxB/3zP8A/JFH/CjfG/8A0WjxB/3zP/8AJFAHttFeJf8ACjfG/wD0WjxB/wB8z/8AyRR/wo3xv/0WjxB/3zP/APJFAHttFeIv8D/G6ozf8Lo8QHAz92f/AOSK7H4I6je6t8GtCvdVvLi9u5Vn8y4uZWkkfE8gGWYknAAH4UAd7RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFea/tCf8AJCtf+tt/6UxV6VXmv7Qn/JCtf+tt/wClMVAHT/Dr/kl3hX/sDWn/AKJSujrnPh1/yS7wr/2BrT/0SldHQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABVbUtSs9I02e/wBTuEtrS3QvLNIcKijuas15T8ab+LU7rw54GNzHAuuXqyXru4UJaxEM2SemSBj1waAPStJ1fT9d0uHUtHu4ryynBMU8LZV8Eg4PsQR+FQaR4j0jXpryLSL+G6lsZfKuo0PzQvzwynkdD+Rrzb4Taha6B448U+BILiKW0hn/ALT0sxOGXyJMb0BHACsVGPrWb8Yp3+GPiWz+IfhueCK7vSbLUNOkOFvl2krJgd1wOfp7ggHrg8Q6S3iB9DS/ibU44vOe1U5dE/vHHQfWn6Nrem+ItLj1HRLyK9s5CQk0RyrEHB/WuN+E/h2HTvB51+e9TVNX8QIL2+1Bed5YZCL6KoOMeueB0Gf+zp/yRTS/+u0//oxqAOr1n4j+D/D2qSadrfiCzsryMAvDK5DKCMjt6VBp/wAU/A+q6jBYad4lsbi6uHEcUSOdzseABxWp4otLaTwzqsklvEz/AGOX5mQE/cPeuU+B1rbt8GfDkrQRGTynO8oN2RK/egDrofFOh3Flqd3DqcD2+kvJHfSBuLdoxlw30xzUuh6/pXiTTRqGg38N/aFigmhbK7h1FeLeH/8AknPxq/7CWrf+gNU/wHkPhbUJ/DVw2211PR7PXbLccDLRKk/47gD9BQB67L4p0OHxND4el1O3XV5k8yOzLfvGXBOcfRSfwrGvPiv4F0++ns73xPYQ3NvI0UsTOco6nBB46ggivF/DUkut/tC+G/F8zErrt3qJtRk4FtDCY4uD0zhj+NbPw/8AFEeh6945gk8Ia5ru/wAS3bibTbGOdE+cjaSzrg8ZxQB67o3j3wt4iF0dE1y0vRaR+bP5TE+Wnqfasv8A4XF8Pf8AobNO/wC/h/wpkHiCPXvC+vlPC2r6CYLJxnU7NIPNyjfd2s2cY56dRXnfw5+K2k+E/g1o8Gt+H/ETWtvE6veJpha2fMjHiQkKeuPrQB7Zouv6T4j08X2g6jbahalivm28gcBh2OOh5HB9abZeIdL1C+1O0tLsPNpTrHeZRlWJiu4DcQAeOTgnHfFebfCfTbvTrvxb4xvLAaJo2syJdWdiXU7Y1UkykKSBuBzx79eK4vWjfN8F9MLNJbTePfEgkvHB5WGZmKrn/cROPTIoA9Yf4zfDyPURYt4rsPOLbdwLGPP/AF0A2d/WuzFzA1qLlZozAU8wShhtK4zuz0xjnNZsfhfRI/DX/CPpplsNK8ryja+WNhXGOR6+/WvJviLoKeE/AvhL4f6ZqF8+natrMVlPLPIC/kMxLR5AHGSOPQYoA7hvjN8PF1L7CfFdj527buBYx5/66Y2fjmun1LX9K0jRG1jUb+CDTlCsbpnzHhiApyOoJI/OmJ4a0WPw+NDXS7T+y/L8v7IYV8srjHK4xXzlqM0lh8EfiP4UEkklloGtQxWRc5KRPdKQmfYqT9WNAH08kiSRLIjAoy7gw7j1rDbxv4aTw6+utrNqNLjl8l7vd8ivnbtz65OK0tP/AOQJbf8AXun/AKCK+abobv2StSB760R/5MLQB9PQXENzax3NvKksEqCSORDlWUjIIPcEVzdx8SvBtrpNrqlx4hso7G8Z1t52c7ZCpwwHHauM+Heo3XgjxFc/DXX5mkhEbXWgXcn/AC3tzkmHPdk5/AHoNtTfs9W8M/wU0rz4Y5MTT43qDj94fWgDoP8AhcXw9/6GzTv+/h/wq/qvxH8H6HLbx6v4gs7R7q3S5hEjkeZE2drjjocGuN+F9pbP8SfiQr28TKmpQBQUBC/I3SsrxZqyaF+0taT/ANh6hrKf8IysYtdNtllkH79+drMBgY9fSgD0LTPif4K1nUoNP0vxJY3V3cNtihjclnPoOKNS+KPgnR9Sn0/U/EljbXdu2yWGRyGQ+h4qpoPjGHV9bt7IeA/EelmQki7vtNijijwCfmYOSM4wOOpFef8AhbxnD4U+JvxE+0aJrmpJLqETmTS7BrhYgqNneR93r39DQB6z4f8AG/hnxVNJD4e1yy1CaJdzxQyguF9dvXHvW7XiHh64/wCFlfGLSPGfhXSZtN0bSoZoLu9mCRvdyEEeWUUk8bs8+p6cV7fQAyX/AFL/AO6a88+AP/JDPDv+7P8A+lElehy/6l/901558Af+SGeHf92f/wBKJKAPRqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArzX9oT/khWv/AFtv/SmKvSq81/aE/wCSFa/9bb/0pioA6f4df8ku8K/9ga0/9EpXR1znw6/5Jd4V/wCwNaf+iUro6ACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK8utPh7J4o+KniHxB4+0O3n09Io7LR4LoxzK0SklpNoJ2ktyM4OGPFeo0UAeT+Jvhs/h7xh4Z8TfDXw/bRy2N00WoWloY4BNbuuGb5ioJAyBz1YccVb8PeDdX8R+O77xf8AEOwWDyQ1ro+kySJMttCRhnbaSpdh159fbHptFAHmfgbwt4h8A+K9T0C0tHvPBt3uubC489M2EhzuhKs24qfUA9vVjV/4L+G9W8JfC+w0jxBafZL6GSVni8xHwGckcqSOh9a72igCjrltLeeH9QtrZd801tIiLkDLFSAMmue+FOh6j4a+F2i6RrVv9mvrWJ1mi3q+0mRiOVJB4I6GuvooA8j0fwR4htfBfxPsJ9P2XOvXuoS6cnnRnz1lRhGchsLkkfexjvis7xh8PfF03gXwXL4WtxH4i0vThpt3GZ0XZFLb+XJ8xbB2kcYJ5ORmvbaKAPMJ/AWoaf8AEX4eTaRZ+Zo/h+yuLa5n8xBsJh2qdpO45PoD15rK8KQePPBGteK1g8BS6rbaprdxfQXCatbRZjdjt+VmzyMHnHXpXslFAHGWuq+KvEOmarY6x4Mm0TfZSCCR9SgnEshGAmEPHXOTxxTPhr4XudL+EGl+HPFFiizLbyQ3drIyyKQzudpKkqQQ3r3rtqKAPDV8I+OvDPhHxT4G0uwl1DRbshNFvRcR5t4pXAljdS2/CqzHOOSD/eGO88b/AA8j8TfDeHw5psy2VxYLE+nTHpFJEMJnHbGQSPWu2ooA8w/4Sz4o/wBkf2cfh+h1kr5X28alF9kzj/W4zuxnnZ17ZqO5+E2o33wos9DvNeln8RWdyNRg1Kd2cRXIOcDPITBK8fXHavU6KAPNB4t+Jq6b9gf4fI2sY8v7aupRfY2OP9bjO8Dvs69s1Wtfg/M3wk1vw9qWoJNrWuyte3l5g7PtO4OMd9oZR+px2r1SigDye08SfFKz8Ox6K/w/EuqxQrbJqQ1OL7OxA2+aR973K9/as3WfhTrNh+znH4N0aFNR1YTRzSqkiorN5od8M5AwBxz1xXtVFAHEfEzwNL4x8LRHS5Psuv6YwudLulbaY5R/Dn0bGD+B7VF8F/DereE/hfYaR4gtPsl9DJKzxeYj4DOSOVJHQ+td5RQBwXgHw1q2i+OPHGoanaeRa6rfRS2cnmI3mqqsCcAkjkjrisfxRpfi3Tfjhb+LPD/hd9dsV0QWLBL+G3Kyea7H/WNngEdu/WvVaKAOL0zxV41u9Ut4NR+HVxYWskgWW6OsW0ghU9W2qcnHoOaq+AfDWraL448cahqdp5Frqt9FLZyeYjeaqqwJwCSOSOuK76igDzGTwjrnhL4wJ4g8H2P2nQ9c+XW7KOVI/KkHSdQzAE85IGT97+9x6dRRQAyX/Uv/ALprzz4A/wDJDPDv+7P/AOlElehy/wCpf/dNeefAH/khnh3/AHZ//SiSgD0aiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK81/aE/wCSFa/9bb/0pir0qvNf2hP+SFa/9bb/ANKYqAOn+HX/ACS7wr/2BrT/ANEpXR1znw6/5Jd4V/7A1p/6JSujoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigBkv+pf8A3TXnnwB/5IZ4d/3Z/wD0okr0OX/Uv/umvPPgD/yQzw7/ALs//pRJQB6NRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFea/tCf8kK1/623/pTFXpVea/tCf8AJCtf+tt/6UxUAdP8Ov8Akl3hX/sDWn/olK6Ouc+HX/JLvCv/AGBrT/0SldHQAUUUjfdP0oAWivnP4K+GtV+I/gq61fXPH/jSC4h1B7ZVs9ZZUKiONgSGDHOXPf0r0P8A4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwo/4U3/1Uf4gf+Dz/AOwoA9Jorzb/AIU3/wBVH+IH/g8/+wo/4U3/ANVH+IH/AIPP/sKAPSaK82/4U3/1Uf4gf+Dz/wCwrFXQL7wT8aPBNhb+L/E+rWmqpfm4g1bU2nQ+XBlcKAB1bPOeQOlAHsdFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFADJf8AUv8A7przz4A/8kM8O/7s/wD6USV6HL/qX/3TXnnwB/5IZ4d/3Z//AEokoA9GooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoqO4nitbaW4uHEcUSF3duiqBkn8q4/4efE7SfiPFfnS7a7s5bFk8yG7UKzI4yjjBPBAP+TQB2lFctd+PLHTfiFaeE9Utbi0n1CIyWN2+3yLkjrGDnIcehHp6in6n44srHxvp/hS1tp7/AFO8jM0iwY22kQ/5aSkngHnAGSfxFAHTUVz3h7xjZ+IvEOv6Ra288U2hTpBO8mNshYEgrg5xx3xVLxZ8SdF8IeI9D0O9E0+oa1cpBDDAATEGYKHfJGFyfqcHHSgDrqKK5rwx43svFOu+INKs7a4hl0G6FtO8u3bIx3crgnj5T1xQB0tFZuu6tLo1glzBpl5qTNMkRhs0DOoY43kH+EdTVeLxXpk/jWfwtE0ralb2YvJRswiIWCgbu5Oc8UAbVFFFABRRRQAUUUUAFea/tCf8kK1/623/AKUxV6VXmv7Qn/JCtf8Arbf+lMVAHT/Dr/kl3hX/ALA1p/6JSujrnPh1/wAku8K/9ga0/wDRKV0dABSN90/SlpG+6fpQB4p+yr/ySvUP+wzL/wCiYa9srxP9lX/kleof9hmX/wBEw17ZQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUZG7GeeuKKACigEHoc9uKKACiiigAooooAKKKKACiiigAooooAKKKKACiopbmCGREmmjjeQ4RXcAsfb1qWgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK828Z/8AJefhr/uap/6TrXpNebeM/wDkvPw1/wBzVP8A0nWgD0miiigAooooAKKKKACiiigAooooAKKKKACiiigBkv8AqX/3TXnnwB/5IZ4d/wB2f/0okr0OX/Uv/umvPPgD/wAkM8O/7s//AKUSUAejUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5h8fPETaT8O20m1Zxea9MLFBHGXYRnmVto5I2gjjn5hXDWfivw74Z+Lvha88NLfQ6VeWKaHfi5sZbdQVwIXy6gE5wD6BT616zqHgiXVfippfiu+vke00m0eK0sRFysz/AHpS2fTjGOwqx8Q/BkPj7wVd6FLP9lkkZJILnZu8mRWBDYyPcfQmgDmPj2ujt8OGOomUaoLhDoxtv9f9rz8gTv8AX298VmfANoJovEM+uGZvGxvSutfawBKoH+rC4/5Z46Y4yPTbXRaZ8O9QuPHFn4m8Z6xHq82m2qQafbxwGOOGTADzEFjl2Iz7Z9hVjXPh/Lc/ETTfGXh3UE0zUYVMF+jRF0v4OPlbBGCMcNz0X+6KAOM8OeJrLwd4n+Lmvanu+zWV7buVXq7FWVVHuWIH41wGsavoVxceFPE2q+INMvfEd/4ltb3UvJuVcWFspO2Ic/KiDGT3Oc5617z4c8CJo3iXxXqV7PDfQeILmKf7M8PEWwEYOSQ3JB6DpVfxl8NLHxPcaBJZJZ6eNK1SK+lC2inz0TrHxjr75+lAHZWl3b39lDeWUyT21xGskUsbZV1IyGB7gg15T8H/APkpHxP/AOwwn85a9aiijhiWKFFjjQbVRBgKPQCvMLP4beLtB8V+ItX8M+K7C0j1y7+0yQ3GmmYpy2BneP7xoA0vjJqV9pfgu0n0y8uLOZtVtIzJbytGxUyAFcgjgjqK5PTNDgg/ag12dtQ1TEGkrfH/AE2Q7iZATGRnmMZ4ToMDHSur1jwN4k8TeExpfiTxDZ3FymowXcdxBYmJQkbBthXeckkHnPep7vwLqifFpPGWjaxBbw3Fqlnf2c9tvMkatuOxsjBOAOnHv0oA8q8O69L450a68QeIZvHwv72WT7E2hWtybWyRWIUR+WNjkY5JznGDzXr/AMLtX1/Wfh7Y3Hi+yuLTV4y8NwLm3aFpNrYV9jAEZXB6dc1gWfw58V+Fob7S/AniizsdEvJnligvLEyyWBf7wiYMAR3AYcfmT2fh/wAMQaF4Rh0GS8u9QRYmjmubqZmlmLZ3EtnI68AHgYFAHn3iXxprfjvxU/gv4Y3RtorVx/bGvoMpbDP+rjPdzgjj6DoSPWYUMUCI0jSMqgF2xliB1OO9fLGrfCbw18OvGyw+OLK5vvCWpSbLTV4pnRrJz0SYLwR7456joQPUk/Zw+G8kavHY3bowyrLfOQR6jmgD1iivKf8Ahm34c/8AQPvP/A1/8aP+Gbfhz/0D7z/wNf8AxoA9WrzX9oT/AJIVr/1tv/SmKqf/AAzb8Of+gfef+Br/AONcX8Xfgl4L8IfC3Vtc0SzuY761MPlM90zgbpkQ8HrwxoA9n+HX/JLvCv8A2BrT/wBEpXR14h4P/Z/8Baz4G0LU76xumur3Tre4mZbtwC7xqzEDtyTWz/wzb8Of+gfef+Br/wCNAHq1eSeLfEfij4Y+Nptd1WafWfBGpOqzKqZk0p8AAgDqh/XOOuN0v/DNvw5/6B95/wCBr/415f41+GXhG48WR+CPhrpM91ruQ99ezXUjQafH3Lc4Lcj6ZAwScAA7r9lX/kleof8AYZl/9Ew17ZXif7Kv/JK9Q/7DMv8A6Jhr2ygAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAEZlRCzkBVGST2FfM/9o3414/GwPJ/Z5137D5eflOm48nfj/e7f3q9e+Mmq3+nfDe9tdFt5rjUtUZbC3SBSzAycM3HTC7ufXFYf/ChdO/4Q8aGfE/iXyfs/lm3Gpt9l34znysY27ucUAdT8QfBlv4+8JeRbziC/gIu9MvozgwzDlGBHY9/bnqBXl1l4k8RfGKS08BX9tLpY00/8VXcK2PN8t9oiQjpvIyf0yAcz6H498T2XwlsPDFjpd2/jJbhtGi3wNshVOBOzEY2hSACeCVJ6A1Jqnw2vvhVY6T4w8FmfUtU01SuuRFmZtTic5kfHPzAkkd8AHkryAbfjmzt9P+MPwps7KFILe3a+jiiQYVFEUYAA+lQfGfxDf6xpWteEvC84jNjpkt/rd0ORBCqFkgBH8chHTsuT3qbxXcHxB8UPhZrGmQXD2bm9kZ2hYGINHHgOP4TnIwe4NZ2v/C3xJ4f8D+LZdM8cXU8d9b3V3d2n9lQu94zRtlDIcvyPlGDxnigDvvhV/wAkl8Mf9g2H/wBBrkPjz97wP/2Mlv8A1qx4C8Ealqfwl0Oz1vxPrdsRFHNCunyfYZLdNmPJYoMuB1+bnNYXxa8PP4a0DwmkF1rWsxWviKK7mmvJXvJkQKc84ztGOB6n3oA9xr598a+IktvhL47k8F6NcaVs8STW+o3ceoNuM3nRB5gDziTIXavABPavTtN+K3hvVtUt7C0XVfPuZBHH5ulXCLknAyxQAD3NeWaroup3XwY+Kdtb6fcyTzeK554olibdJGLiFiyjuNqk5HpQB6LcfEO80fS9A0weHJrvxNqkRMGkxXSELGg5kkmxhVxg5weuOxrR8OeO59R8Uz+GfEmiPoWtRwfaooftIuIriHONySADOD1BANeYeJksNX8TeFfHVxBrU3hltNbTrqaxFxBNZSKzESMqYfaSSCRxgfTO/wCBLPw9qvxLXUvC2j6zeWVhaso1/U7+5272yDFHHMMvwck8Y/LIB1Xxl/5I54k/682/mKxpPiG/g7w74B0m20O41e71zTUS3jglVCHSGLAO7jBLjJyMAE1u/F6CW5+EfiKG2ieaV7QhUjUszHI6Ada5GTT7l/GXwaZrSVktdNuROTEcRN9kjxu4+U5HfuKAOh0f4jatd+Ir7w3rfhKTStdh09r+0tlv0mju0BwAJQoCktxyOMGuQ+Fnj260fwH4o13xhDOLK11S4ka7kuhM7yEoogVeuRwAc457V1V7a3DftG6dciCQwDw7KhlCHaG87pnpn2ry220W/wBd+FXjHwZbWV6uu2usy6n9kkgdBPEJE4D4wSQDgA84GKAPT2+KOr6VFYaj4t8GT6Lod9Kka3325Jnt9/3DNEFBQHIzycd+eKd4i+KGp6f46n8J+GvCE+v6jDapdHZepAnlnqSzAgY4HuTXn16PBviHTrPStG0XxVr2r3ckaz6Ne6jfQx23ILNM75QBT355xXf6BYSQfH7xBObZ1hGi2sUcxUlThuVDHr0FAHF6ZFP4g+Pmtah4q8HpK2nQWjgTXyyjTVALCRQB8+SM4AyPxrrJ/iv4hHh248TWvgC5fw/Buc3E+opFcGJSQ0nkFSQBgnBbNR20er2fxV+I99pNm8l0dKtjY+YhCTTLE21c9D82Aa84ubm28Q/De9Gr3/jDXvGVxayrLpL/AGmOG1lOfmMShY1RRg4JIOMY7AA9h1r4nwW1v4fi8OaTca3qniKAXNjYiQQ4i2hi8jnIQAH0Pf0plh8Thbya3b+NNFm8PXWjW32yUecLmKWHOA0cgUbjnA24BycVwWmvdeFbv4feM9S066k0mHw8ul3zwW7SPZMBw7IBuAJ4JA459gdfxbq2rfFvwz4n0Twnpsp0ZLJGt9RmjeBry5WQOYow4GVIXBPr7EGgDWb4savY6Pb+Itc8EXWn+Gp2Q/bjepJNDG5AWSSALkKcjoxI9K9LjkSaJJYmDo6hlYdCD0NfObv4Qv8AwraaXbaL4t1XxDMscE3h6a+volRsgPvZsoqDk55HTgc4+hNLtVsdIs7RIvJW3gSIRiQybAqgY3HlsY6nrQBaooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvNvGf/Jefhr/uap/6TrXpNebeM/8AkvPw1/3NU/8ASdaAPSaKKKACiiigAooooAKKKKACiiigAooooAKKKKAGS/6l/wDdNeefAH/khnh3/dn/APSiSvQ5f9S/+6a88+AP/JDPDv8Auz/+lElAHo1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAV7/T7PVbGSy1O0gvLWUYkguIxIj855U8Hmp0RY0VEUKqjAUDAA9KWigAooooAK81/aE/5IVr/1tv8A0pir0qvNf2hP+SFa/wDW2/8ASmKgDp/h1/yS7wr/ANga0/8ARKV0dc58Ov8Akl3hX/sDWn/olK6OgAqpBplhZXF3dWdlb29xdsHuJYolVpmAwCxAyxA9at0jfdP0oA8U/ZV/5JXqH/YZl/8ARMNe2V4n+yr/AMkr1D/sMy/+iYa9soAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvNvGf8AyXn4a/7mqf8ApOtek15t4z/5Lz8Nf9zVP/SdaAPSaKKKACiiigAooooAKKKKACiiigAooooAKKKKAGS/6l/901558Af+SGeHf92f/wBKJK9Dl/1L/wC6a88+AP8AyQzw7/uz/wDpRJQB6NRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFea/tCf8kK1/623/AKUxV6VXmv7Qn/JCtf8Arbf+lMVAHT/Dr/kl3hX/ALA1p/6JSujrnPh1/wAku8K/9ga0/wDRKV0dABSN90/SlooA+fP2a/FnhzQvhrfWuua/pem3DatJIsN5exwuVMUQDAMQcZBGfY16/wD8LH8Ef9Dl4f8A/BpB/wDFUf8ACuPBH/Qm+H//AAVwf/E0f8K48Ef9Cb4f/wDBXB/8TQAf8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVH/AArjwR/0Jvh//wAFcH/xNH/CuPBH/Qm+H/8AwVwf/E0AH/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVR/wAK48Ef9Cb4f/8ABXB/8TR/wrjwR/0Jvh//AMFcH/xNAB/wsfwR/wBDl4f/APBpB/8AFUf8LH8Ef9Dl4f8A/BpB/wDFUf8ACuPBH/Qm+H//AAVwf/E0f8K48Ef9Cb4f/wDBXB/8TQAf8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVH/AArjwR/0Jvh//wAFcH/xNH/CuPBH/Qm+H/8AwVwf/E0AH/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVR/wAK48Ef9Cb4f/8ABXB/8TR/wrjwR/0Jvh//AMFcH/xNAB/wsfwR/wBDl4f/APBpB/8AFUf8LH8Ef9Dl4f8A/BpB/wDFUf8ACuPBH/Qm+H//AAVwf/E0f8K48Ef9Cb4f/wDBXB/8TQAf8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVH/AArjwR/0Jvh//wAFcH/xNH/CuPBH/Qm+H/8AwVwf/E0AH/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVR/wAK48Ef9Cb4f/8ABXB/8TR/wrjwR/0Jvh//AMFcH/xNAB/wsfwR/wBDl4f/APBpB/8AFUf8LH8Ef9Dl4f8A/BpB/wDFUf8ACuPBH/Qm+H//AAVwf/E0f8K48Ef9Cb4f/wDBXB/8TQAf8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVH/AArjwR/0Jvh//wAFcH/xNRXXgHwFZ2c11c+EPD0cMKNJI50uDCqBkn7vpQBL/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVeR/ASHwd43sPES3/AIV0SS5h1N7mJJtPhYx28pJRBleilWGOgGK9c/4Vx4I/6E3w/wD+CuD/AOJoAP8AhY/gj/ocvD//AINIP/iqP+Fj+CP+hy8P/wDg0g/+Ko/4Vx4I/wChN8P/APgrg/8AiaP+FceCP+hN8P8A/grg/wDiaAD/AIWP4I/6HLw//wCDSD/4qj/hY/gj/ocvD/8A4NIP/iqP+FceCP8AoTfD/wD4K4P/AImj/hXHgj/oTfD/AP4K4P8A4mgA/wCFj+CP+hy8P/8Ag0g/+Ko/4WP4I/6HLw//AODSD/4qj/hXHgj/AKE3w/8A+CuD/wCJo/4Vx4I/6E3w/wD+CuD/AOJoAP8AhY/gj/ocvD//AINIP/iqP+Fj+CP+hy8P/wDg0g/+Ko/4Vx4I/wChN8P/APgrg/8AiaP+FceCP+hN8P8A/grg/wDiaAD/AIWP4I/6HLw//wCDSD/4qj/hY/gj/ocvD/8A4NIP/iqP+FceCP8AoTfD/wD4K4P/AImj/hXHgj/oTfD/AP4K4P8A4mgA/wCFj+CP+hy8P/8Ag0g/+Ko/4WP4I/6HLw//AODSD/4qj/hXHgj/AKE3w/8A+CuD/wCJo/4Vx4I/6E3w/wD+CuD/AOJoAP8AhY/gj/ocvD//AINIP/iqP+Fj+CP+hy8P/wDg0g/+Ko/4Vx4I/wChN8P/APgrg/8AiaP+FceCP+hN8P8A/grg/wDiaAD/AIWP4I/6HLw//wCDSD/4qj/hY/gj/ocvD/8A4NIP/iqP+FceCP8AoTfD/wD4K4P/AImj/hXHgj/oTfD/AP4K4P8A4mgA/wCFj+CP+hy8P/8Ag0g/+Ko/4WP4I/6HLw//AODSD/4qj/hXHgj/AKE3w/8A+CuD/wCJo/4Vx4I/6E3w/wD+CuD/AOJoAP8AhY/gj/ocvD//AINIP/iqP+Fj+CP+hy8P/wDg0g/+Ko/4Vx4I/wChN8P/APgrg/8AiaP+FceCP+hN8P8A/grg/wDiaAD/AIWP4I/6HLw//wCDSD/4qj/hY/gj/ocvD/8A4NIP/iqP+FceCP8AoTfD/wD4K4P/AImj/hXHgj/oTfD/AP4K4P8A4mgA/wCFj+CP+hy8P/8Ag0g/+Ko/4WP4I/6HLw//AODSD/4qj/hXHgj/AKE3w/8A+CuD/wCJo/4Vx4I/6E3w/wD+CuD/AOJoAP8AhY/gj/ocvD//AINIP/iqP+Fj+CP+hy8P/wDg0g/+Ko/4Vx4I/wChN8P/APgrg/8AiaP+FceCP+hN8P8A/grg/wDiaAD/AIWP4I/6HLw//wCDSD/4qj/hY/gj/ocvD/8A4NIP/iqP+FceCP8AoTfD/wD4K4P/AImsrxD4W8B+H9NWdvAui3dxNIILW0g0mAvcSkEhB8uBwCSTwACTwKANX/hY/gj/AKHLw/8A+DSD/wCKo/4WP4I/6HLw/wD+DSD/AOKrynUfg7plx4w0aG/tdPstT1K2u7hlsbOMWtq8RhMSLFt2yKu4hiwy+TnHAHaeGPDXhHUZLjStd8B+H7LXLED7REmlwmKZTws0TFOUbB46qcg+pAOi/wCFj+CP+hy8P/8Ag0g/+Ko/4WP4I/6HLw//AODSD/4qsTxJ4Y8FaLBBBYeAtCv9VvWMdnaLpcIDsByzts+RFHLMfwySAeI/4Uzpn/CYSW0cOmnV009dQDNYR/Y2mMhUx+Rjb5W35cfe/izu5oA9S/4WP4I/6HLw/wD+DSD/AOKo/wCFj+CP+hy8P/8Ag0g/+KrD8MeGvBOu2s8d54C0PT9UsnEV9ZSaXCfKfGQVbZhkYcqw6j0IIG5/wrjwR/0Jvh//AMFcH/xNAB/wsfwR/wBDl4f/APBpB/8AFUf8LH8Ef9Dl4f8A/BpB/wDFUf8ACuPBH/Qm+H//AAVwf/E0f8K48Ef9Cb4f/wDBXB/8TQAf8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVH/AArjwR/0Jvh//wAFcH/xNH/CuPBH/Qm+H/8AwVwf/E0AH/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVR/wAK48Ef9Cb4f/8ABXB/8TR/wrjwR/0Jvh//AMFcH/xNAB/wsfwR/wBDl4f/APBpB/8AFUf8LH8Ef9Dl4f8A/BpB/wDFUf8ACuPBH/Qm+H//AAVwf/E0f8K48Ef9Cb4f/wDBXB/8TQAf8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVH/AArjwR/0Jvh//wAFcH/xNH/CuPBH/Qm+H/8AwVwf/E0AH/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVR/wAK48Ef9Cb4f/8ABXB/8TR/wrjwR/0Jvh//AMFcH/xNAB/wsfwR/wBDl4f/APBpB/8AFUf8LH8Ef9Dl4f8A/BpB/wDFUf8ACuPBH/Qm+H//AAVwf/E0f8K48Ef9Cb4f/wDBXB/8TQAf8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVH/AArjwR/0Jvh//wAFcH/xNH/CuPBH/Qm+H/8AwVwf/E0AH/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVR/wAK48Ef9Cb4f/8ABXB/8TR/wrjwR/0Jvh//AMFcH/xNAB/wsfwR/wBDl4f/APBpB/8AFUf8LH8Ef9Dl4f8A/BpB/wDFUf8ACuPBH/Qm+H//AAVwf/E0f8K48Ef9Cb4f/wDBXB/8TQAf8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVH/AArjwR/0Jvh//wAFcH/xNH/CuPBH/Qm+H/8AwVwf/E0AH/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVR/wAK48Ef9Cb4f/8ABXB/8TR/wrjwR/0Jvh//AMFcH/xNAB/wsfwR/wBDl4f/APBpB/8AFVxGueI9E8QfHj4dnQdY0/UxAmp+b9iukm8vNuMbtpOM4OM+hrt/+FceCP8AoTfD/wD4K4P/AImrOneC/C2kX0d7pPhrR7G7jzsuLawijkTIIOGVQRkEj6GgDbooooAKKKKACiiigAooooAKKKKACiiigAooooAZL/qX/wB01558Af8Akhnh3/dn/wDSiSvQ5f8AUv8A7przz4A/8kM8O/7s/wD6USUAejUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXmv7Qn/ACQrX/rbf+lMVelV5r+0J/yQrX/rbf8ApTFQB0/w6/5Jd4V/7A1p/wCiUro65z4df8ku8K/9ga0/9EpXR0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5h+0H4n/4Rz4SX0MT7bnVWFjHg87WyX/8cDD8RXp9UdU0PSdbSNNa0uy1BYiTGt3bpKEJ6kbgcUAfHn7PHif/AIR74tWdvK+221ZGspMnjc3Mf47wo/4Ea+0a86+HnhHw21pqdw3h/SjPb67erDKbKPdGEnbaFO3IxgYx0xXotABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAclrX/JV/C3/AF46h/7Qrra5LWv+Sr+Fv+vHUP8A2hXW0AFcsn/JXJv+wIn/AKPNdTXLJ/yVyb/sCJ/6PNAHU0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAyX/AFL/AO6a88+AP/JDPDv+7P8A+lElehy/6l/901558Af+SGeHf92f/wBKJKAPRqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArzX9oT/khWv/AFtv/SmKvSq81/aE/wCSFa/9bb/0pioA6f4df8ku8K/9ga0/9EpXR1znw6/5Jd4V/wCwNaf+iUro6ACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK57xf468P8AgSzt7rxPePaQXEhjjdYJJAWAzj5AccevpXQ15/8AG/wx/wAJT8JdWgjTfc2afbYOMndHyQPcruH40Ac18OvjD4KM1zpK6pI17qWuXL2sS2cx8wTTkx87cDIYdenevZa+Pv2aPDH9tfE7+1Jk3W+jwNNkjjzW+RB+rN/wGvsGgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOS1r/kq/hb/rx1D/ANoV1tclrX/JV/C3/XjqH/tCutoAK5ZP+SuTf9gRP/R5rqa5ZP8Akrk3/YET/wBHmgDqaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAZL/qX/3TXnnwB/5IZ4d/3Z//AEokr0OX/Uv/ALprzz4A/wDJDPDv+7P/AOlElAHo1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5r+0J/yQrX/rbf8ApTFXpVea/tCf8kK1/wCtt/6UxUAdP8Ov+SXeFf8AsDWn/olK6Ouc+HX/ACS7wr/2BrT/ANEpXR0AFFFFAHE+O/HmqeFtf0DRdB8Nf2/f639o8qL7etrt8lVY8spB+VieSPu981t+K9V17SNLin8L+HP+Ehu2mCPa/bo7XYm1iX3uCDghRjr82e1Vta8I/wBsePPDPiT7b5P9gi7H2fyt3n+fGE+9uG3bjPQ59q6SgDgNN8X/ABEutVtINR+F/wBhtJZkSe6/4SC3k8hCwDPsC5bAycDk4ra8Xa34o0c2n/CKeEf+Ek83f5//ABM4rTyMbdv3wd27LdOm33rpaKAOS8KeIvGOr6pLB4o8Df8ACPWiwl0uv7Xhut77lATYgBGQWOeny471V8QeKfHena7cWug/Dn+2bCPb5V9/bkFv5uVBP7thlcEkc9cZ7129FAHN+Edb8T6wLv8A4Svwj/wjflbPI/4mUV35+d277gG3bhevXd7Vh6j4w+Ittql1Bp/wu+22kUzpBdf8JDbx+egYhX2FcrkYODyM4r0CigDm9H1vxPe+Fb+/1bwj/ZmrQeZ9l0v+04pvtOEBT96o2puYleemMmua/wCE2+J3/RI//Lltv/ia9JooAxNQ1TXbfwcmo2Hhz7ZrRhidtH+3JHtdiu9POI2/JlucYO3jrXJDxt8Ts8/CP/y5bb/4mvSKKAOa8Xa34o0c2n/CKeEP+Ek83f5//EzitPIxt2/fB3bst06bfes7w94o8dalrtva6/8ADr+xbCTd5t9/bkFx5WFJH7tRk5IA46Zz2rtqKAOR8VeIvGOk6rHB4Y8C/wDCQ2jQh3uv7Xhtdj7mBTY4JOAFOenze1L4U8ReMdX1SWDxR4G/4R60WEul1/a8N1vfcAE2IARkEnPT5cd662igDiPEHinx3p2u3FroPw5/tmwj2+Vff25Bb+blQT+7YZXBJHPXGe9bnhXVNd1bSZLjxP4c/wCEfvFmKJafbkut6bQQ+9AAMkkY6/LnvW3RQB5t/wAJt8Tv+iR/+XLbf/E111jqmuz+DW1K98OfZNbEMrro/wBuR9zqW2J5wG35sLzjA3c9K26KAPNx42+J2efhHj/uZbb/AOJrq/F2pa5pmjpJ4b8NjxHcSSiOS0N9HahYyrZfc4IPIAx/te1btFAHgvwb0jxp4Fmu7E/DiSK01LVMz3smrwKbWANtA2YzIEBYgjG7PFeq+Ltb8UaObT/hFPCH/CSebv8AP/4mcVp5GNu374O7dlunTb710tFAHJeFPEXjHV9Ulg8UeBv+EetFhLpdf2vDdb33ABNiAEZBJz0+XHeqviDxT4707Xbi10H4c/2zYR7fKvv7cgt/NyoJ/dsMrgkjnrjPeu3ooA5vwjrfifWBd/8ACV+Ef+Eb8rZ5H/Eyiu/Pzu3fcA27cL167vasPUfGHxFttUuoNP8Ahd9ttIpnSC6/4SG3j89AxCvsK5XIwcHkZxXoFFAGJY6prs/g1tSvfDn2TWxDK66P9uR8upbYnnAbfmwvOMDdz0rkf+E2+J3/AESP/wAuW2/+Jr0migDE1DVNdtvByajYeHPtutGGJ20f7cke12K7084jb8mW5xg7eOtckPG3xOzz8I8f9zLbf/E16RRQBzXi7W/FGjm0/wCEU8If8JJ5u/z/APiZxWnkY27fvg7s5bp02+9Z3h7xR461LXbe11/4df2LYSbvNvv7cguPKwpI/dqMnJAHHTOe1dtRQByPirxF4x0nVY4PDHgX/hIbRoQ73X9rw2ux8kFNjgk4ABz0+b2pfCniLxjq+qSweKPA3/CPWqwl0uv7Xhut77gAmxACMgk56fLjvXW0UAef6j4w+Ittql1Bp/wu+22sUzpBdf8ACQ28fnoGIV9hXK5GDg8jOK6Xwtqmu6tpMlx4m8Of8I/eLMUS0+3Jdb0Cgh96AAZJIx1+X3rbooA82/4Tb4nf9Ej/APLltv8A4muusdU12fwa2pXvhz7JrYhlddH+3I+XUtsTzgNvzYXnGBu56Vt0UAebjxt8TsjPwjwP+xltv/ia6zxXquvaRpcU/hfw5/wkN00wR7X7dHa7E2kl97gg4IAx1+bPatyigDgNN8X/ABEutVtINR+F/wBhtJZkSe6/4SC3k8hCQGfYFy2Bk4HJxW14u1vxRo5tP+EU8If8JIJd/n/8TOK08jG3b98HdnLdOm33rpaKAOS8KeIfGOr6pLB4o8Df8I9arCXS6/teG63vuACbUAI4JOeny471V8QeKfHena7cWuhfDn+2bCPb5V9/bkFv5uVBP7thlcEkc9cZ7129FAHN+Edb8T6wLv8A4Svwj/wjZi2eQP7Siu/Pzu3fcA24wvXru9qw9R8YfEW21S6g0/4XfbbWKZ0guv8AhIbePzkDEK+0rlcjBweRnFegUUAc1L4l1PT/AIb3viTXdB/s+/srOe6l0v7YsuPLDEL5qjHzBQcgHG72rU8O6t/b3hfS9Y8n7P8A2hZw3Xk793l+YgbbnAzjOM4FU/G+nXWsfD/xBpunRedd3mm3EEEe4Lvdo2VRkkAZJHJOKf4NsLnSfAmg6dfx+VdWmm28E8e4NsdIlVhkZBwQeRxQBtUUUUAclrX/ACVfwt/146h/7Qrra5LWv+Sr+Fv+vHUP/aFdbQAVyyf8lcm/7Aif+jzXU1yyf8lcm/7Aif8Ao80AdTRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFADJf9S/+6a88+AP/ACQzw7/uz/8ApRJXocv+pf8A3TXnnwB/5IZ4d/3Z/wD0okoA9GooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvNf2hP+SFa/9bb/ANKYq9KrzX9oT/khWv8A1tv/AEpioA6f4df8ku8K/wDYGtP/AESldHXOfDr/AJJd4V/7A1p/6JSujoAKKKKAPNvGv/Jd/hl9NV/9Jlr0msTVLDw9ceLdCvNVe3Gt2ouP7KWS5KSNuQCbZHuG/wCXGeDgc8Vt0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFcP408HXF8uo61b+L/ABNprx2zOlpY3qRwKUT+6UJ5xzzXcVm+I/8AkVtV/wCvOX/0A0AeXfC/QNQ13wDo/i3V/G/iqS4kR55rYXymBtjsMbSmSML03Vu6b8SPDPhn4e6Bf6hrGqahZ6iZI7a9u4TJPMwZs7woznjA47Co/g9/yb5o/wD15z/+jJK898PQR3Pgj4LpModRq0j4PqryMP1AoA9KT40+GzcTWdxZa5a6ogUxaXPpki3VyDnBjj6t0Pp0ra8OfEPQfEmm6ldwyz2H9ksRfwajEYJbXAzl1PQYB59jXN38MbftOaTIyKXXw5KVYjkfviP5E/ma8/8AEGn3+qX/AMbrXSFd7pl09gkYyzIqlnAHclQwxQB6bbfGXwzcNbzPBq1tpl1L5Vvq1zp7x2krE4GJD0BPGSAODVzxV8UvD/hHX4tE1BL+51Ke2FzDbWVq0zyoWZflx1PyscegryzVLzStR+E1pHqXxPur7S7yCC3XR7PT7JrhjlQI1RVD5Ugd88V1emWKw/tH6ZDL5sj2ngmMK84Ak3C4K5bHG7BOcepoA9R06/TVNJtr+GOaKO5hWVEnQo6hhkBlPQ+1eQ/DTR9S8b6Nq+o6t4w8Swyw6xc2saWuobEVFI2gAqfWvZz90/Svn/4YfCzwh438Ma/deIdKE942t3cK3SzOjooKkYwccEnt9aAOm8D6vq2lfGbWPBh8Q3fiTSoLBbsXF46yS2km4Axs6gZznOOO3HWt25+MnhmGS7kt4NWvtOspDFdarZ6e8lpCw+9mQdcdyARyK4r4dI/hR/EvwwuLW0tNdjtpJdO1CGFYjqMTKQjMf4mXPr6jsScPwNdw2HwfMGofEmXQorCOeC90V7KzMkTbm3RhXTexbJx3JOKAPaPEHxC8P+HdL0+9nuJL3+1CBYQWERnlu8jP7tV6jBHPTketVND+KOga94lHh6CPULTV9jvJZ3to0LxBRn5s+oIIxkGvLdHi0/wT4o+HOsajcXkXh3+zLm2trzVY1ia3kdmdd4BITcjADnkD61tR+ItF8R/tRadLoF5BfJbaJLDNc27B0Z8s20OOGwGHTpn60AdNovj7w9oPgC11KbWNV1eK6vZLa1NxEZbu5m3keWiKMnBBA9gK0tN+J2j6lcX9kLLV7TVLG2N0+mXVg6XMkX95EGd/PGBzXkejJ4ek+DvhtPEd7f6TL/b1wbDV7PaFspxK+GkZjgKf6dsV1nhPX9bsfi1b+Gb/AF7S/GMM2nyTHVLe2RLm0VTlVkKEjaSQPfcD9QC38K/ia2q+BNU1nxjcXMIsrmWWa9uLUxQLHuwqIQMMRjG0ZOSO5rf034taBqF/YW89rq2mR6kwWwutRsHgguieQEc8cjkZxnIrxBCNR/Zt1LTrG5SS50/W2utQs4irzR24l5Yx9cA4PIx8p9DXWeLn07XND0q01H4n3+vpqN1EbOx02wsmnaTOVbCKrKAepyMdKAPQvEPxb8O+HPEdxoNxDqd5qduqO9vY2bTNtZd27jsBjP1pt/8AFzQbO8vYYbHWtQTTuL+4stPeWKzbGSsjdio6gZxg+hrN8LQR/wDDQ/jaYrmWOwskVz1AK5I/HaPyrlXTT4/Efiu98FeOm8JXkN7JJqmk63DE1vPJj5pQrHIRs/eGfp0oA9q0fV7HXtHtdV0mdbizu4xJDKoI3A+x5B9j0q7XHfCjxBd+KPhnpWq3+nw6fNMrDyYI/LjIDEBlXsGxn8a7GgAooooAKKKKACiiigAooooAKKKKACiiigDH8XatPoHgrWtYs0je40+wnuYllBKMyRlgGAIOMjsRT/CuqT654N0bVrtY0nv7CC5lWIEKGeNWIAJJxk8ZJp3iXR/+Eh8K6rovn/Z/7Rs5bXztm/y96Fd23IzjOcZFO8O6T/YPhfS9H877R/Z9nDa+ds2+Z5aBd2MnGcZxk0AaNFFFAHJa1/yVfwt/146h/wC0K62uS1r/AJKv4W/68dQ/9oV1tABXLJ/yVyb/ALAif+jzXU1yyf8AJXJv+wIn/o80AdTRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFADJf9S/+6a88+AP/JDPDv8Auz/+lElehy/6l/8AdNeefAH/AJIZ4d/3Z/8A0okoA9GooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvNf2hP+SFa/wDW2/8ASmKvSq81/aE/5IVr/wBbb/0pioA6f4df8ku8K/8AYGtP/RKV0dc58Ov+SXeFf+wNaf8AolK6OgAooooA828a/wDJd/hl9NV/9Jlr0msTVL/w9b+LdCs9VS3Ot3QuP7KaS2LyLtQGbZJtOz5cZ5GRxzW3QAUVFc3MFlay3V5NHb28KGSWaVwqRqBksxPAAHJJrA/4WP4I/wChy8P/APg0g/8AiqAOkorm/wDhY/gj/ocvD/8A4NIP/iqP+Fj+CP8AocvD/wD4NIP/AIqgDpKK5v8A4WP4I/6HLw//AODSD/4qj/hY/gj/AKHLw/8A+DSD/wCKoA6Siub/AOFj+CP+hy8P/wDg0g/+Ko/4WP4I/wChy8P/APg0g/8AiqAOkorm/wDhY/gj/ocvD/8A4NIP/iqP+Fj+CP8AocvD/wD4NIP/AIqgDpKK5v8A4WP4I/6HLw//AODSD/4qj/hY/gj/AKHLw/8A+DSD/wCKoA6SmuiyRskiq6MMMrDII9CK53/hY/gj/ocvD/8A4NIP/iqP+Fj+CP8AocvD/wD4NIP/AIqgDet7K1tLNbS0toYLZQVWGKMKgB7BRxUKaRpsUdtHHp9qiWjFrZVgUCE+qDHynntWP/wsfwR/0OXh/wD8GkH/AMVR/wALH8Ef9Dl4f/8ABpB/8VQBvGytWvlvTbQm6VPLWcxjeEznbu64z2pIbG0trme5t7WGKe5IM8scYVpSOBuI5OM96wv+Fj+CP+hy8P8A/g0g/wDiqP8AhY/gj/ocvD//AINIP/iqAL0HhXw9baqdUttB0yHUCSTdx2cayknqd4Gf1rQ+xWv2/wC3fZoftfl+T9o8seZsznbu67c846ZrB/4WP4I/6HLw/wD+DSD/AOKo/wCFj+CP+hy8P/8Ag0g/+KoA6SoLSxtLCJo7G1htkdy7LDGEDMerEDufWsL/AIWP4I/6HLw//wCDSD/4qj/hY/gj/ocvD/8A4NIP/iqANuXTbGe+hvZ7K3ku4ARFO8SmSMHrtYjI/CqV14V8PX2pLqN7oOmXN8pDLdTWcbygjoQ5Gao/8LH8Ef8AQ5eH/wDwaQf/ABVH/Cx/BH/Q5eH/APwaQf8AxVAFTxvo/ii/urC58NTafdWsW9L7R9TT9xeI2MHdtYqy89sH8MHJ8JeB9Yi8dP4r8SxaXp7Q2RsLDS9JyYoIy+5mZiq5YnPQYwa6H/hY/gj/AKHLw/8A+DSD/wCKo/4WP4I/6HLw/wD+DSD/AOKoA1/7G0z+zW0/+zrT7E+d1t5C+W2Tk5XGOTzTNJ0DR9BiePQ9JsdNjkOXSztkhDH1IUDNZf8AwsfwR/0OXh//AMGkH/xVH/Cx/BH/AEOXh/8A8GkH/wAVQBr22i6XZXlzdWem2dvc3X/HxNFAqvN/vMBluveq9h4W8P6VfvfaXoWm2V24Ia4trOOORgeuWUAmqH/Cx/BH/Q5eH/8AwaQf/FUf8LH8Ef8AQ5eH/wDwaQf/ABVAG9HZWsV3LdRW0KXEwAlmWMB5AOgZupx71Q1Lwv4f1m6S61fQ9Nv7iPGya6tI5XXHoWBIqh/wsfwR/wBDl4f/APBpB/8AFUf8LH8Ef9Dl4f8A/BpB/wDFUAdGqqiBEUKqjAUDAApa5v8A4WP4I/6HLw//AODSD/4qj/hY/gj/AKHLw/8A+DSD/wCKoA6Siub/AOFj+CP+hy8P/wDg0g/+Ko/4WP4I/wChy8P/APg0g/8AiqAOkorm/wDhY/gj/ocvD/8A4NIP/iqP+Fj+CP8AocvD/wD4NIP/AIqgDpKK5v8A4WP4I/6HLw//AODSD/4qj/hY/gj/AKHLw/8A+DSD/wCKoA6Siub/AOFj+CP+hy8P/wDg0g/+Ko/4WP4I/wChy8P/APg0g/8AiqAOkorm/wDhY/gj/ocvD/8A4NIP/iqP+Fj+CP8AocvD/wD4NIP/AIqgDpKK5v8A4WP4I/6HLw//AODSD/4qtfSta0vXbRrrQ9Ss9St1cxtNZzrMgYAEqSpIzgg49xQBl/EG5nsvhr4lurOaS3uIdKuZIponKvGwiYhlI5BB5yKf4EuJ7z4deG7m7mknnm0q1klllYs0jGJSWJPJJJySa0Nc0mDX/D+oaPePIlvqFtJbStEQHVXUqSpIIzg9waXRtLh0PQbDSbRpHgsLaO2iaUgsVRQoJIAGcDnAFAF2iiigDkta/wCSr+Fv+vHUP/aFdbXJa1/yVfwt/wBeOof+0K62gArlk/5K5N/2BE/9Hmuprlk/5K5N/wBgRP8A0eaAOpooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigBkv+pf/AHTXnnwB/wCSGeHf92f/ANKJK9Dl/wBS/wDumvPPgD/yQzw7/uz/APpRJQB6NRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFea/tCf8AJCtf+tt/6UxV6VXmv7Qn/JCtf+tt/wClMVAHT/Dr/kl3hX/sDWn/AKJSujrnPh1/yS7wr/2BrT/0SldHQAUUUUAef+LtNvrn40fDy+trO4mtLMan9puI4maODfbqF3sBhcngZ6mvQK5vWvF39j+PPDPhv7F539vC7P2jzdvkeRGH+7tO7dnHUY966SgDmviT/wAkr8V/9ga7/wDRLVwPgz4GfDrVvAegajqHh3zru80y2nnk+3XC73eJWY4EgAySeAMV33xJ/wCSV+K/+wNd/wDolqd8Ov8Akl3hb/sDWn/olKAOZ/4Z8+GP/Qs/+T9z/wDHKP8Ahnz4Y/8AQs/+T9z/APHK9JooA82/4Z8+GP8A0LP/AJP3P/xyj/hnz4Y/9Cz/AOT9z/8AHK9JooA82/4Z8+GP/Qs/+T9z/wDHKP8Ahnz4Y/8AQs/+T9z/APHK9JooA82/4Z8+GP8A0LP/AJP3P/xyj/hnz4Y/9Cz/AOT9z/8AHK9JooA82/4Z8+GP/Qs/+T9z/wDHKP8Ahnz4Y/8AQs/+T9z/APHK9JooA82/4Z8+GP8A0LP/AJP3P/xyj/hnz4Y/9Cz/AOT9z/8AHK9JooA82/4Z8+GP/Qs/+T9z/wDHKP8Ahnz4Y/8AQs/+T9z/APHK9JooA82/4Z8+GP8A0LP/AJP3P/xyj/hnz4Y/9Cz/AOT9z/8AHK9JooA82/4Z8+GP/Qs/+T9z/wDHKP8Ahnz4Y/8AQs/+T9z/APHK9JooA82/4Z8+GP8A0LP/AJP3P/xyj/hnz4Y/9Cz/AOT9z/8AHK9JooA82/4Z8+GP/Qs/+T9z/wDHKP8Ahnz4Y/8AQs/+T9z/APHK9JooA82/4Z8+GP8A0LP/AJP3P/xyj/hnz4Y/9Cz/AOT9z/8AHK9JooA82/4Z8+GP/Qs/+T9z/wDHKP8Ahnz4Y/8AQs/+T9z/APHK9JooA82/4Z8+GP8A0LP/AJP3P/xyj/hnz4Y/9Cz/AOT9z/8AHK9JooA82/4Z8+GP/Qs/+T9z/wDHKP8Ahnz4Y/8AQs/+T9z/APHK9JooA82/4Z8+GP8A0LP/AJP3P/xyj/hnz4Y/9Cz/AOT9z/8AHK9JooA82/4Z8+GP/Qs/+T9z/wDHKP8Ahnz4Y/8AQs/+T9z/APHK9JooA82/4Z8+GP8A0LP/AJP3P/xyj/hnz4Y/9Cz/AOT9z/8AHK9JooA82/4Z8+GP/Qs/+T9z/wDHKP8Ahnz4Y/8AQs/+T9z/APHK9JooA82/4Z8+GP8A0LP/AJP3P/xyj/hnz4Y/9Cz/AOT9z/8AHK9JooA82/4Z8+GP/Qs/+T9z/wDHKP8Ahnz4Y/8AQs/+T9z/APHK9JooA82/4Z8+GP8A0LP/AJP3P/xyq/wJsLbSdF8Xadp8flWtp4qvYII9xbYiCNVGTknAA5PNeo15t8Gf9T44/wCxw1D/ANkoA6P4lf8AJKvFX/YHu/8A0S1SfDz/AJJh4W/7A9p/6JStTXLjTbTw/qFxrojbTIbaR7wSxeYhhCkvuTB3DbnjBz6UujT6fdaDYXGiiNdNlto3tBFH5aiEqCmFwNo24wMDHpQBdooooA5LWv8Akq/hb/rx1D/2hXW1yWtf8lX8Lf8AXjqH/tCutoAK5ZP+SuTf9gRP/R5rqa5ZP+SuTf8AYET/ANHmgDqaKKKACiiq2p6ja6PpV3qWoy+TaWcLzzybS2xFBZjgAk4APAGaALNFebf8NB/DH/oZv/JC5/8AjdH/AA0H8Mf+hm/8kLn/AON0Aek0V5t/w0H8Mf8AoZv/ACQuf/jdH/DQfwx/6Gb/AMkLn/43QB6TRXm3/DQfwx/6Gb/yQuf/AI3R/wANB/DH/oZv/JC5/wDjdAHpNFebf8NB/DH/AKGb/wAkLn/43R/w0H8Mf+hm/wDJC5/+N0Aek0V5t/w0H8Mf+hm/8kLn/wCN0f8ADQfwx/6Gb/yQuf8A43QB6TRXm3/DQfwx/wChm/8AJC5/+N0f8NB/DH/oZv8AyQuf/jdAHpNFebf8NB/DH/oZv/JC5/8AjdH/AA0H8Mf+hm/8kLn/AON0Aek0V5t/w0H8Mf8AoZv/ACQuf/jdH/DQfwx/6Gb/AMkLn/43QB6TRXm3/DQfwx/6Gb/yQuf/AI3R/wANB/DH/oZv/JC5/wDjdAHpNFebf8NB/DH/AKGb/wAkLn/43R/w0H8Mf+hm/wDJC5/+N0Aek0V5t/w0H8Mf+hm/8kLn/wCN0f8ADQfwx/6Gb/yQuf8A43QB6TRXm3/DQfwx/wChm/8AJC5/+N113hXxhoXjbSZNS8MX3260jmMDSeS8eHABIw6g9GHOMc0AbdFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFADJf9S/+6a88+AP/JDPDv8Auz/+lElehy/6l/8AdNeefAH/AJIZ4d/3Z/8A0okoA9GooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvNf2hP+SFa/wDW2/8ASmKvSq81/aE/5IVr/wBbb/0pioA6f4df8ku8K/8AYGtP/RKV0dc58Ov+SXeFf+wNaf8AolK6OgAooooA4nxP4e1TUfiz4F1mztvM0/SRqH2ybzFHlebAFT5SctkjHAOO+K7auS8Q+K77SfiV4P8AD1tFbtaa4L03LyKxkTyYg67CCAMk85B49K62gDmviT/ySvxX/wBga7/9EtTvh1/yS7wt/wBga0/9EpTfiT/ySvxX/wBga7/9EtTvh1/yS7wt/wBga0/9EpQB0dFFFABRRRQAUUUUAFFea3HjvxR4n8V6nofw3sNMMGkSeTe6tqruYfN7xxpHyxHc5xxz2za8O+MvEtv44Xwl470uzjvLi3a4stQ0rebedVPzKVbLIwHqf5jIB6BRVC613SLG8W0vtUsra5fG2Ga4RHbPTCk5qzNeW1ts+0XEUXmHCeY4Xd9M9aAJqKpWWtaXqKynT9Ss7sQ/6wwTq+z64PFcz4N+Ill4svPEUZ+z2kWj6hJaIzXAYzJHgGXthSf/ANdAHZ0VTttY0y8uZLe01G0nnjUM8UU6syA9CQDkCmWeu6RqNy9vp+qWV1PHnfFBcI7Lj1AORQBforlNH8WXWo/EzxF4alghS20m3tpYpVzvcyKSc844x2rlNQ+LGoadpHiLVY7GK9ij1waJo1up8vzpQAHLuT03buePu496APVqK8s1fxN8UvCGnDW/EOleHtV0yN1+1WukeeLmFSwGV3kh8Z54/Tpva/8AEmy0bxR4W0dEjddfMjvPLMI/ssaoGBZTzltwAzjoaAO1oqjf63pWlbP7U1OzsvM+59ouFj3fTcRmsLx547tPBfgK68SRCHUBGE8iJJwonLOqcNzkDdk4zwDQB1dFUbHVrS8s7OVbq3L3abo1WUHeQPmC8847+lWjcwC5FuZoxOy7hEXG4j1x1xQBJRVAa7pDakdPGq2RvQdpthcJ5mfTbnNX6ACivMdI8Y+OfFHiTxJY6BbeHobbRb9rMNe+fvkxnB+U47VY0fx54jsfiRbeDvHOm6bDPqFu89heaZM7RybQSUIcZBwCf85oA9Goqjea3pWnXEdvqGp2drNL/q457hEZ/oCcmrU1zBb27XFxNHFCq7mkdgqgepJ4xQBJRVG11vSr5Y2stTs7lZGKIYbhH3sOoGDyaqaJqOoTR6pJrkmmxpb3sqQNaTFgsC42mUn7snXI6CgDZoqjY63pWppI+m6nZ3axDMjW9wkgT64PFc74I8f2/jTUdft4Y4oBpWoyWcQE4dp1TAMuPQnpjP1oA7CiqMWuaTNqDWEOqWUl4pw1slwhkH1XOadeavpunbv7Q1C1tdqhz58yphScA8npnjNAFyimRTxT26zwSJLE67lkRgysPUEda8qh+InjbX9K1LxN4R0XR5vDljJKsMd1NILq/SP7zxlflUHBwCDQB6xRWV4Y8QWnirwvp+uafkW99CJVVuqnup9wQR+FatABRRRQAUUUUAFebfBn/U+OP+xw1D/2SvSa82+DP+p8cf8AY4ah/wCyUAdH8Sv+SVeKv+wPd/8Aolqk+Hn/ACTDwt/2B7T/ANEpWprmrQaB4f1DWLxJHt9PtpLmVYgC7KiliFBIGcDuRS6NqkOuaDYataLIkF/bR3MSygBgrqGAIBIzg84JoAu0UUUAclrX/JV/C3/XjqH/ALQrra5LWv8Akq/hb/rx1D/2hXW0AFcsn/JXJv8AsCJ/6PNdTXLJ/wAlcm/7Aif+jzQB1NFFFABXM/Er/klXir/sD3f/AKJaumrmfiV/ySrxV/2B7v8A9EtQBh+BfAPg68+HXhy5u/CehzzzaVaySyy6bCzSMYlJYkrkkk5JNb3/AArjwR/0Jvh//wAFcH/xNO+Hn/JMPC//AGB7T/0SldFQBzf/AArjwR/0Jvh//wAFcH/xNH/CuPBH/Qm+H/8AwVwf/E1U1zxpPpHxN8M+F47SOSHWo7hpJyxDReUm4YHQ5rpp9RsbVS1zeW8KhtpMkqqM+nJ60AYn/CuPBH/Qm+H/APwVwf8AxNH/AArjwR/0Jvh//wAFcH/xNQ/EDxxB4E8LjV3t/tjSTRwxRCUJuLEDOeeBnPArpXureK2NxLPGkAGTKzgKB9elAGB/wrjwR/0Jvh//AMFcH/xNH/CuPBH/AEJvh/8A8FcH/wATW/DdW9zb+fbzxyw/89EcMv5ioxqNiZTELy3MgXeUEq5C+uM9PegDE/4Vx4I/6E3w/wD+CuD/AOJo/wCFceCP+hN8P/8Agrg/+JrbXUbJnkRby3LRgF1Eq5TPTPPFTvIkQBkdUBOBuOMn0oA53/hXHgj/AKE3w/8A+CuD/wCJo/4Vx4I/6E3w/wD+CuD/AOJrdnvrS1VmubqGEJjcZJAu3PTOayfFfiq18LeDr7xC6i7htYTKiRyAeb6AN0/nQBB/wrjwR/0Jvh//AMFcH/xNH/CuPBH/AEJvh/8A8FcH/wATWpoOqrrnh3T9URVT7ZbRzlFfcELKGK574zitCgDm/wDhXHgj/oTfD/8A4K4P/iaP+FceCP8AoTfD/wD4K4P/AImukooA5v8A4Vx4I/6E3w//AOCuD/4mj/hXHgj/AKE3w/8A+CuD/wCJrpKKAOb/AOFceCP+hN8P/wDgrg/+Jo/4Vx4I/wChN8P/APgrg/8Aia6SigDm/wDhXHgj/oTfD/8A4K4P/iaP+FceCP8AoTfD/wD4K4P/AImukooA5v8A4Vx4I/6E3w//AOCuD/4muW+CNvDaab4xtrSGOCCHxbfxxRRKFVFHlgKAOAAOMCvTa82+DP8Ax7+Nv+xw1D+aUAek0UUUAFFFFABRRRQAUUUUAFFFctdeNPs3xQsfB/2Dd9rsHvPtfnY2bSRt2beenXP4UAdTRRXPeM/GNp4L0m3vby3luPtN3HaRJFgfO54JJ6Dg+tAHQ0UUUAMl/wBS/wDumvPPgD/yQzw7/uz/APpRJXocv+pf/dNeefAH/khnh3/dn/8ASiSgD0aiiigAorG8W+JrXwf4Vvtdv4pZoLNAzRwgbmJIAAycdSK0dPuxf6Za3gTYLiFJQpOdu4A4z+NAFiiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvNf2hP+SFa/wDW2/8ASmKvSq81/aE/5IVr/wBbb/0pioA6f4df8ku8K/8AYGtP/RKV0dc58Ov+SXeFf+wNaf8AolK6OgAooooA5vWvCP8AbHjzwz4k+2+T/YIux9n8rd5/nxhPvbht24z0Ofaukrz/AMXalfW3xo+HljbXlxDaXg1P7Tbxyssc+y3UrvUHDYPIz0NegUAc18Sf+SV+K/8AsDXf/olqd8Ov+SXeFv8AsDWn/olKb8Sf+SV+K/8AsDXf/olqd8Ov+SXeFv8AsDWn/olKAOjooooAKKKKACg9DRRQB5N8BGSz07xVo1wQNSs9fuGuVYAMwbAV8eh2nB9q7fWPGml6V4nsvDZaSXWNQglmt4IoywAQE5Yj7oODj/dNZ3iL4X6Lr+vf27Bd6noesMoSS/0e68iSVR0D8ENwAOR0A9BU/hP4c6J4R1C51K3kvdS1a7XZPqep3BnuHX+7uwAB7ADOBnoKAOA+EHg/w54w+FkmueKNOtdV1TWprh7+7ukDyqwkZQFY8pgAEYxiuL0yBvFvgn4a6Zrcr3dp/wAJDNahnYnz7dM4UkdQVBXjtXr978HdDuLq/aw1TXNIs9SkMl7p2nXvl29wx+8SpUkbuh2kccVtf8K+0BIfD0NpbvaW/h2XzbGGF8KGwR82clupJOcknJNAHD6h4a0Xw78f/CcWhaXaadBqWnXsV5b2sKxxTqqZAZAMHk+nOB6Vx+iaPplp8P8A4xz2unWkE1vqGo2sMkcCq0cI6RKQMhOB8o44Fe633hfT9Q8WaX4iuDN9u0uOWO3CvhMSDDZGOeB61z7fCXQvt+vzxXurQweIElW+sY7vFuzyffkCEcP784yaAPM/E3hjS/CnwB0WfRbWOxu9ajsrbU9SiGJnim2vJl+uCwA+nFbfxg8KaB4K+H1jrfhLS7XS9V0i8t/sM9pGElkywUozD5pMgknOSeT616jdeFNIv/B6+GNQtftWlrbJbeVKeSqABTkYORgHI7jNc1Y/CDRLfULC41LVdc1uLTXD2Nnqd75sFswPysFCjJHQbieKAOc/ttfDvxQ+JuszY/0LR7SYKe7CJiF/E4FPTR/C+lfBbwz4Y8fiVV1l4wZACGW7lJl3Fx90hmPJ4wCORxXW658MdD1+81i5vJr1G1kWy3ixSKFdYGDKoBU4BwM+vtW34l8L6R4u0KXSNfs1urOTB25KlGHRlI5BHqKAPMvEHh7xz8NfD13rnh7x1Pq2nabCZZNN1yJZS8a8kCYfNnHQYHpWb4rj0jxd8RfhPrF5otoV1yC4muYp7dX81fJjZFfI+cLuOM+vHWusX4I6NKsdvqviLxRq+mxuGGmX+ql7Y4OQCoUEgY45rf8AFvw80jxeNMe4nvtNuNJZjZXOlz/Z5IAwAKqQDgEKB07UAefSLpOtfETxLN4c8Dv4zvY5VtL671e5gS1tGUFTFFvVjgchgFPP68BLZ27/ALOXjuK5tLUS6X4kZLWNCJVswZoFKxORkLywyMZBPrXuE3wm0r+2L7UNN1rXtJ/tJg99b2F95cdy3dmypYMeclSDyaW1+EHhWy8J6x4at4bkaXq8ommhM+TGw2kFGIzwVU8k8igDmtYsbLSvil8JLXTrW3srZYdRKwwRrGgLW6E4AwMkkn3JqzrcsUn7R0EBuvsxTwrMXm3Y8kGU/NntjBNbl78J9H1Hw5pml3mq63LPpMjSWWqtfZvISx5xJjGOgxjoB6U/QvhVoOh+IX1z7TqepalNava3FxqN155uEYjO7Ix0AGBgY7UAePHw8vhLwGlv4s8E2OuaFbyfaP8AhKvD93H9pb95uEhJ+c9cEg4AGK+jtNu4L/SrS8tJGkguIElid+rKyggn3wa4P/hSmgizOmLq+vroTSb20RdQItTznbjbv255xu616FDDHbwRwW8axRRqEREGAqgYAA7DFAHhXg3QvFGreNPiE/hjxg/h8JrThoxp0NyJG5wxL8j0wKtfC6Brr4nasfiBe3V5470mIxReeyCD7MekkCqqgZDc/wC97mvUtA8Jad4b1DWLzTjMZdYujd3PmuGG8/3eOBUGreBtJ1fxfpniaQ3FtqumgrHNbSBfNQ/wSAg7l68e5oA8U+Hen6l4p0HWNY1HwBpPia71S+mF1eajqqpLHg4EQUxMYwvbBHb0GGwWWpT2Pw78IeKry2v9HuNWuVmFtfC4jlSNUaCJ5F4bBZht9hXquofCXSLrUr+70zV9d0JdScyXttpV75MNw56sVKnBPcrjOTWX478M6ToHgbSNGsfCFxqWhWl0pk/s13F1YdSLiPb8zMCTnnPPPGaAMLxZ4Z0Lw/8AH/4ezaDYW2nyXjXQuIbVFjQhIxsbYuAD8zDOOce1YkOgv4l8C+O9Ng1KysZpPHVy0Ud/N5cN2yspEDHvuxwB3Aq/4b8KRax8YdB1jQ7TxJLYaPFM97q3iEzCS4Zk2xRR+bgkKSTwAOTntXo8vwt8NXGh6vpVzFcSwatqcmqysZsPFcOQd0bADbjHH45zQBwGjPp2m/EzRIPFvw/HhXVbuKWztJtLljexvVK8pIqAdugOe2enHM2CR+Gvh58WdV8P2Nva6ha63c2VvcW8SpJBbtKqlEYDKqAcgDgYHpXsekfDLTdO1611nUdW1nXryxUrZNq12JVtcjBKKqqMkdzk9KdY/DDQtP17WdRhlv3g1sSfbtMkuN1nK0n33MePvH1z3NAHlF94Ovz8MbKPTPBGgaHJBFDPbeIRrqLKkmVPms/lAkseMFu4A6Ctq78OWXi79obR4/FVtbX4h8IRXMsRPmQyS+cyk+jLlyR24BrqovgroAjt7O61XXr3RrZw8Wi3V/vtFwcqNu3cVB6AsRXVL4U01PGw8UqJRqA04aaFDARiESb/ALuOue+enagC4+nw2fh9tP02BIYYrYwwQxjaqKFwqj0rzX4Kzxwfs7WvnMI/ssV4Jt3HlkSyEg+nBr1ivP8AUPg3oF9d35h1HWdPsNSl86+0uxvBHa3LfxFl2kjd32kZoAi+AdvLbfBDw+s6FGZZnAP91p3IP4gg/jXotQWVnbadYwWVjCkFtbxrFFEgwqKowAPoKnoAKKKKACiiigArzb4M/wCp8cf9jhqH/slek15t8Gf9T44/7HDUP/ZKAOs8b6ddax8P/EGm6dF513eabcQQR7gu92jZVGSQBkkck4p/g2wudJ8CaDp1/H5V1aabbwTx7g2x0iVWGRkHBB5HFO8XatPoHgrWtYs0je40+wnuYllBKMyRlgGAIOMjsRT/AArqk+ueDdG1a7WNJ7+wguZViBChnjViACScZPGSaANWiiigDkta/wCSr+Fv+vHUP/aFdbXJa1/yVfwt/wBeOof+0K62gArlk/5K5N/2BE/9Hmuprlk/5K5N/wBgRP8A0eaAOpooooAK5n4lf8kq8Vf9ge7/APRLV01cz8Sv+SVeKv8AsD3f/olqAJPh5/yTDwv/ANge0/8ARKV0Vc78PP8AkmHhf/sD2n/olK6KgDyvxp/ycT8O/wDrjf8A/omsbwH4D8PeJvGHj+/8RaZBqTJrcsESXC7liGMsVHYnI568CvTtT8Hafq3jTRfE1xNcre6Msy28cbKI2Ei7W3AqSeOmCKf4e8J2Phq51iexluJG1e9a9nEzKQrsACFwBgcd8n3oA+d9W0y1l/Z1thdRLcvpXiGSzs5ZxveGEzgFAT2OBn6V13jWye5+MujeEbLw1Dq2iaXpBvLfRftKW0DuZGXeQ3ysFA4XHrXe3Hwm0G58C3XhWS4v/sdzeNe+cJVE0crPvypC4wD6g8U/UvhhY6pYaR9o1rWF1jSFYW2tpcKLv5uoZtu1lPTBHTjucgHDaVous6H4u1+S28P2vhrRL/RZWuNKi1GKUCcBtsyRpjaCBt4GOtY+heBNB039mW78QpYRvrVxoty73rEl8MGG0egCgCvVdE+Gmm6VPqV7e3+oavqupwG2n1G+kVpViIxsQBQqD2A61dj8CaZF8OD4KWe7/s02jWnml187Yc5Odu3PP938KAPHfFfgXQfDf7MUmp6fp8aand2Fgbm8yS8peeF2yT7/AMq7j40TRroPhNSwzL4isgnvyx/kK7HUPB2lar4GHhPUFln00Wsdty+H2oAFbIH3gVBzjqOlcmvwU06d9NbWPE3iLVTpU8c1iLq7QiHYchcbMHOACTzgcEUAYtn4T0XxN+0Z4sk1+zh1BLOztGitblQ8RZkxvKHgkAYGem41x+u6XY2ejfFbwvBaxzaNojQX2mxv862c0keXCZzt+8RgdOfWuyPgi61346eKdRW+1fQ5I7W1W11CyOwSApiRPmUq44XjsQDXZWPwx0Cy8Han4dJuriLVtxv7uabdcXDsOXL46+nGPagC38PNNstL+HmhxadaxWsctjDM6xKFDO0almwO5PJrpaxPCPhoeEvD0WkR6pqGpxQn93LfyB3RMAKgIA+UAcCtugAooooAKKKKACiiigAooooAK82+DP8Ax7+Nv+xw1D+aV6TXm3wZ/wCPfxt/2OGofzSgD0miiigAooooAKKKKACiiigAry3Vf+Tn9E/7AM3/AKG1epVzdz4Nt7n4i2fi5rqVbi1sns1two2MrEncT1zzQB5T8P8A4caJ4203xXfeKY576RdcvILTdcyAWoBzuRQQA2T19hXN6pAniP8AZ78CarrZkvL4aolp58kjbjF5zrtPPPCKM9eK998JeEbfwlp2oWltcyXC31/NfO0igFWlIJUY7DFc4/we09vhbYeC01W7jXTp/tNtfKq+YsnmM4JXoR8xGKAOI8SxDUvi6fCkvh3U9b8O6DpkbQaPZ3CojSMRiSTzJF3gA4HJwR9c2dGsNe0K18a2tvoOpaJ4Vl0eae0tr25jk+y3AQhlTa7EKwJOM4GO1dtqPw0nu73Tdas/E97ZeJbK2+yyatHBG32uPOcSREbTz0//AFYfpPwwt7K31yfVdXutW1rXbZra71SdFVljK4Cxoo2oo4OB1IoA8ug8C6To/wCzpdeLUE8uv3miky3r3MjEqxBCgE4GAABgZrE0vw1pek/sx2niTToHg1XUriKO6uFmf94FvSo4zgcADgCveLvwJazfCo+CjeTC2WxFp9p2jfhR1x0zxXFfDLwnYeN/2YtI0LVWlS3uVmPmQkB0ZbqRlYZ9CBQBr/GO4aKbwLHHKyNJ4rswQpI3Lh8g+3IrntB8FaR4z+MHj5vE0cmoWllc26wWUkrCJWeLlyoIBIAwPTJroG+EV5qOoaNe+JvGuqaxLot5Fc2ivBFGgCHO1go+ZjgZcnPFc/onhTWNV+Lfj6+0TxFe+H7hbm3i3x26TRzoYecq4xkEcEdOfWgDlNdtUf4V/EDw/eNNe23hbU0GlyzSszQo7D5M5+baMjnPWvevBWlWej+C9LtdOh8mH7Mkm3cW+ZlBJyST1NYkXwp0WL4eal4U+03ki6ozTXl/I4aeaZiD5hOMZyBxjHH1NdB4V0W78PeHrfTL7VptWkgG1bmaNUbYOFXC8cDjPWgDYooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArzX9oT/AJIVr/1tv/SmKvSq81/aE/5IVr/1tv8A0pioA6f4df8AJLvCv/YGtP8A0SldHXOfDr/kl3hX/sDWn/olK6OgAooooAxNU8KWOreLdC8Q3Mtwt3oYuBbJGyiN/OQI28EEnAHGCOfWtuvNvGv/ACXf4ZfTVf8A0mWvSaAOa+JP/JK/Ff8A2Brv/wBEtTvh1/yS7wt/2BrT/wBEpTfiT/ySvxX/ANga7/8ARLU74df8ku8Lf9ga0/8ARKUAdHRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXm3wZ/1Pjj/scNQ/8AZK9Jrzb4M/6nxx/2OGof+yUAdj4u0mfX/BWtaPZvGlxqFhPbRNKSEVnjKgsQCcZPYGn+FdLn0Pwbo2k3bRvPYWEFtK0RJUskaqSCQDjI4yBVbx1f3OlfD3xDqFjII7m10y4mhcoG2usTEHBBB5HQjFct4N+HPgvVvAmg6jqHhXR5bu8023nnk+xRrvd4lZjgAAZJPAGKAPR6K5L/AIVT4C/6FDR//ARP8KP+FU+Av+hQ0f8A8BE/woANa/5Kv4W/68dQ/wDaFdbXlerfDfwXF8SfDlnF4X0tLa4s715YhbLtcr5O0kY5xuOPqa6f/hVPgL/oUNH/APARP8KAOtrlk/5K5N/2BE/9Hmo/+FU+Av8AoUNH/wDARP8ACucT4a+Cj8TpbI+F9L+zDSFlEP2VdofziN2MdccUAeoVT1i8fTtEvr2JVZ7e3eVVboSqkjP5Vz3/AAqnwF/0KGj/APgIn+FUtY+E3guTRL1NP8I6SLprdxCVtUB37Ttwe3OKAPPfDH7VWiXmyHxXpFxpsh4M9q3nRfUjhgPYbq7jxR438M+LfhL4pfw7rdnfH+xrsmKOTEijyW6ocMPxFeM+GP2V9fvtk3inVbbSozyYLcefL9CeFH1Bau9174E+BvCPwz8RXltp8t9qFtpVzJFd3sxdkdYmIIUYUEEZ6UAel/Dz/kmHhf8A7A9p/wCiUroq534ef8kw8L/9ge0/9EpXRUAcx408d6b4Kt7QXUNzfX9/J5Vlp9mm+a4bvgdgMjJNc7N8VtS0Ga3l8d+Cb/w9plzKsSah9riuo4y3TzAhyg/Os/U1D/tWaP8Ab8GNNAdrEN083e+/H+1tz+GK9G8RtoiaBcP4pFodKXa0/wBtVTFwwxuDcfex1oA0lYMoZSCCMgjvS15DdL/wsL4xXPh2bUbmHw1oumQ3CWun3DQrdvJgqxeMglApGAD2FY9/eah4N1fx94OstVv7jTV8LT6tp7XFw0ktk4UqVSQndjJyOeMDvkkA92rCvvFun2HjPS/DEqzNf6nFLLFtUbFSNSSWOfbAAzXi2qeGLrS/gLZeOYvEWuf8JJFZ212t2+oSMuGZcR7Cdu3a2OnPfPNa/iHQbTU/2iPCM9xLeK+oadLcS+VdyIFdI+NmG+UccgcHnOc0Ae30V4f4U8OyeJfGnjPWNb1vWXg0XWpBZWkF86RoV+c8Z5BAUY6YzUngHwo3xL8Dv4v8S63q41TVJJntntb+WFLBVdkVY0UheNueQc0Aem+IPFkHh7WtC06e2kmfWro20boQBGQu7Jz2rfr580fxJqPiez+GN1rUvn31vrs9rLPjBl8tSAx9yMZ9TzX0HQAUUUUAFFFFABRRRQAUUUUAFFFFABXm3wZ/49/G3/Y4ah/NK9Jrxz4Y+DfDXiCTxpd67oGm6jcL4sv41lurVJGCgqQuSOmSTj3oA9jorlv+FY+Bf+hP0P8A8F8X+FH/AArHwL/0J+h/+C+L/CgDqaK5b/hWPgX/AKE/Q/8AwXxf4Uf8Kx8C/wDQn6H/AOC+L/CgDqaK5b/hWPgX/oT9D/8ABfF/hR/wrHwL/wBCfof/AIL4v8KAOporlv8AhWPgX/oT9D/8F8X+FH/CsfAv/Qn6H/4L4v8ACgDqaK5b/hWPgX/oT9D/APBfF/hR/wAKx8C/9Cfof/gvi/woA6miuW/4Vj4F/wChP0P/AMF8X+FH/CsfAv8A0J+h/wDgvi/woA6miuW/4Vj4F/6E/Q//AAXxf4Uf8Kx8C/8AQn6H/wCC+L/CgDppf9S/+6a88+AP/JDPDv8Auz/+lElbcvwx8CiJyPB+hg7T/wAuEX+FcL8E/AnhPWPg5oV/q3hrSr27mWbzJ7izR3fE8gGWIyeAB+FAHstcP8WfHl38OvB8et2VnDeN9rjheGZioKsDnBHQ8e/0q/8A8Kx8C/8AQn6H/wCC+L/CuG+LXwcsdZ8HR2ngPwxpVrqbXcZMsMMUBWPB3ZbA46cD8qAGeGP2m/BusbItcjutCnbgmVfOhz7Ooz+JUV6vpOuaVr1mLrRNRtdQgP8Ay0tplkA9jg8H2r598MfsoqNkvjDXi3drbTUx/wCRHH/sv417F4X+FngzwdLFPoWhW8V3F927lzLMCRgkOxJGQT0xQB11FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFea/tCf8AJCtf+tt/6UxV6VXmv7Qn/JCtf+tt/wClMVAHT/Dr/kl3hX/sDWn/AKJSujrnPh1/yS7wr/2BrT/0SldHQAUUUUAYmqX/AIet/FuhWeqpbnW7oXH9lNJbF5F2oDNsk2nZ8uM8jI45rbrzbxr/AMl3+GX01X/0mWvSaAOa+JP/ACSvxX/2Brv/ANEtXA+DPjn8OtJ8B6Bp2oeIvJu7PTLaCeP7DcNsdIlVhkRkHBB5BxXffEn/AJJX4r/7A13/AOiWrB8B+AfB158OfDdzd+E9DnuJtJtZJZZdNhZpGMKksSVySSckmgCH/hoP4Y/9DN/5IXP/AMbo/wCGg/hj/wBDN/5IXP8A8brpf+FceCP+hN8P/wDgrg/+Jo/4Vx4I/wChN8P/APgrg/8AiaAOa/4aD+GP/Qzf+SFz/wDG6P8AhoP4Y/8AQzf+SFz/APG66X/hXHgj/oTfD/8A4K4P/iaP+FceCP8AoTfD/wD4K4P/AImgDmv+Gg/hj/0M3/khc/8Axuj/AIaD+GP/AEM3/khc/wDxuul/4Vx4I/6E3w//AOCuD/4mj/hXHgj/AKE3w/8A+CuD/wCJoA5r/hoP4Y/9DN/5IXP/AMbo/wCGg/hj/wBDN/5IXP8A8brpf+FceCP+hN8P/wDgrg/+Jo/4Vx4I/wChN8P/APgrg/8AiaAOa/4aD+GP/Qzf+SFz/wDG6P8AhoP4Y/8AQzf+SFz/APG66X/hXHgj/oTfD/8A4K4P/iaP+FceCP8AoTfD/wD4K4P/AImgDmv+Gg/hj/0M3/khc/8Axuj/AIaD+GP/AEM3/khc/wDxuul/4Vx4I/6E3w//AOCuD/4mj/hXHgj/AKE3w/8A+CuD/wCJoA5r/hoP4Y/9DN/5IXP/AMbo/wCGg/hj/wBDN/5IXP8A8brpf+FceCP+hN8P/wDgrg/+Jo/4Vx4I/wChN8P/APgrg/8AiaAOa/4aD+GP/Qzf+SFz/wDG6P8AhoP4Y/8AQzf+SFz/APG66X/hXHgj/oTfD/8A4K4P/iaP+FceCP8AoTfD/wD4K4P/AImgDmv+Gg/hj/0M3/khc/8Axuj/AIaD+GP/AEM3/khc/wDxuul/4Vx4I/6E3w//AOCuD/4mj/hXHgj/AKE3w/8A+CuD/wCJoA5r/hoP4Y/9DN/5IXP/AMbo/wCGg/hj/wBDN/5IXP8A8brpf+FceCP+hN8P/wDgrg/+Jo/4Vx4I/wChN8P/APgrg/8AiaAOa/4aD+GP/Qzf+SFz/wDG6P8AhoP4Y/8AQzf+SFz/APG66X/hXHgj/oTfD/8A4K4P/iaP+FceCP8AoTfD/wD4K4P/AImgDmv+Gg/hj/0M3/khc/8Axuj/AIaD+GP/AEM3/khc/wDxuul/4Vx4I/6E3w//AOCuD/4mj/hXHgj/AKE3w/8A+CuD/wCJoA5r/hoP4Y/9DN/5IXP/AMbo/wCGg/hj/wBDN/5IXP8A8brpf+FceCP+hN8P/wDgrg/+Jo/4Vx4I/wChN8P/APgrg/8AiaAOa/4aD+GP/Qzf+SFz/wDG6P8AhoP4Y/8AQzf+SFz/APG66X/hXHgj/oTfD/8A4K4P/iaP+FceCP8AoTfD/wD4K4P/AImgDmv+Gg/hj/0M3/khc/8Axuj/AIaD+GP/AEM3/khc/wDxuul/4Vx4I/6E3w//AOCuD/4mj/hXHgj/AKE3w/8A+CuD/wCJoA5r/hoP4Y/9DN/5IXP/AMbo/wCGg/hj/wBDN/5IXP8A8brpf+FceCP+hN8P/wDgrg/+Jo/4Vx4I/wChN8P/APgrg/8AiaAOa/4aD+GP/Qzf+SFz/wDG6P8AhoP4Y/8AQzf+SFz/APG66X/hXHgj/oTfD/8A4K4P/iaP+FceCP8AoTfD/wD4K4P/AImgDmv+Gg/hj/0M3/khc/8Axuj/AIaD+GP/AEM3/khc/wDxuul/4Vx4I/6E3w//AOCuD/4mj/hXHgj/AKE3w/8A+CuD/wCJoA5r/hoP4Y/9DN/5IXP/AMbo/wCGg/hj/wBDN/5IXP8A8brpf+FceCP+hN8P/wDgrg/+Jo/4Vx4I/wChN8P/APgrg/8AiaAOa/4aD+GP/Qzf+SFz/wDG6P8AhoP4Y/8AQzf+SFz/APG66X/hXHgj/oTfD/8A4K4P/iaP+FceCP8AoTfD/wD4K4P/AImgDmv+Gg/hj/0M3/khc/8Axuj/AIaD+GP/AEM3/khc/wDxuul/4Vx4I/6E3w//AOCuD/4mj/hXHgj/AKE3w/8A+CuD/wCJoA5r/hoP4Y/9DN/5IXP/AMbqv8CdQttV0XxdqOnyeba3fiq9ngk2ld6OI2U4OCMgjg811v8AwrjwR/0Jvh//AMFcH/xNct8EbeGz0/xnbWkMcEEPi2/jiiiUKsajywFAHAAAwAKAO68S6P8A8JD4V1XRfP8As/8AaNnLa+ds3+XvQru25GcZzjIp3h3Sf7B8L6Xo/nfaP7Ps4bXztm3zPLQLuxk4zjOMmsr4lf8AJKvFX/YHu/8A0S1SfDz/AJJh4W/7A9p/6JSgDoqKKKAOS1r/AJKv4W/68dQ/9oV1tclrX/JV/C3/AF46h/7QrraACuWT/krk3/YET/0ea6muWT/krk3/AGBE/wDR5oA6miiigArmfiV/ySrxV/2B7v8A9EtXTVzPxK/5JV4q/wCwPd/+iWoAk+Hn/JMPC/8A2B7T/wBEpXRVzvw8/wCSYeF/+wPaf+iUroqAOS8ceAbfxj9gu4L+40jWdLkMtjqVsAWiJ6gqeGU4GRx/PPPXnwx8SeKntrb4geMhqmkW7rI+n2VgtqLplOQZGDE49hx9MV6dRQBw/iD4fXM/iq38T+D9XGh6vFbCzlD2wmguYAchHTIxjsQewqlZ/CqV7DxNPruvPqOveIrB7GbUDbhY7aNlKhY4gfujIOM847V6LRQBxuq/D/8AtP4Rx+B/7T8rZZQWn237Puz5e35tm7vt6buM9aq+Jfh5f6p4m8P6/oWvjS9Q0aFrctJZidJo2ADfKWGDjPr1rvKKAOa8J+EP+EYvNfnN79rGs6i99t8nZ5O4AbPvHd068fSuWt/hd4g0C3vtK8F+Mf7L0G9laQWk1gs0lnvPziGTcMD0BBx9cmvTqKAOBtvhRYaba+ErTSb17e38N3TXOJIvMa6Zgd25sjaSSTnB9MV31FFABRRRQAUUUUAFFFFABRRRQAUUUUAFebfBn/j38bf9jhqH80r0mvNvgz/x7+Nv+xw1D+aUAek0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAMl/1L/7przz4A/8AJDPDv+7P/wClElehy/6l/wDdNeefAH/khnh3/dn/APSiSgD0aiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK81/aE/5IVr/1tv8A0pir0qvNf2hP+SFa/wDW2/8ASmKgDp/h1/yS7wr/ANga0/8ARKV0dc58Ov8Akl3hX/sDWn/olK6OgAooooAxNU8V2Ok+LdC8PXMVw13rguDbPGqmNPJQO28kgjIPGAefStuuJ8T+HtU1H4s+BdZs7bzNP0kah9sm8xR5XmwBU+UnLZIxwDjviu2oA5r4k/8AJK/Ff/YGu/8A0S1O+HX/ACS7wt/2BrT/ANEpTfiT/wAkr8V/9ga7/wDRLU74df8AJLvC3/YGtP8A0SlAHR0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5t8Gf9T44/wCxw1D/ANkr0mvNvgz/AKnxx/2OGof+yUAd3rlvpt34f1C310xrpk1tIl4ZZfLQQlSH3PkbRtzzkY9aXRoNPtdBsLfRTG2mxW0aWhik8xTCFATDZO4bcYOTn1rG+JX/ACSrxV/2B7v/ANEtUnw8/wCSYeFv+wPaf+iUoA6KiiigDkta/wCSr+Fv+vHUP/aFdbXJa1/yVfwt/wBeOof+0K62gArlk/5K5N/2BE/9Hmuprlk/5K5N/wBgRP8A0eaAOpooooAK5n4lf8kq8Vf9ge7/APRLV01cz8Sv+SVeKv8AsD3f/olqAJPh5/yTDwv/ANge0/8ARKV0Vc78PP8AkmHhf/sD2n/olK6KgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK82+DP/Hv42/7HDUP5pXpNebfBn/j38bf9jhqH80oA9JooooAKKKKACiiigAooooAKKKKACiiigAooooAZL/qX/3TXnnwB/5IZ4d/3Z//AEokr0OX/Uv/ALprzz4A/wDJDPDv+7P/AOlElAHo1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWRN4t8OW08kFx4g0uKWJikkb3sasjA4IIJ4IPatevmzwvr3w80rxZ46i8daRa3943iS7aFptIN2Vj8w8btjY5zxQB9D6frGmaush0rUbS+EZAc206ybM9M7ScdDVyvLLvxr4Y8LfCXWPGXw80Gyiht5oonhWx+xCZvMRPmAUE4EhwcetLc/EfxX4f8Nrqfijw9Yi51SaC30PTrO5JlmllyQkrMMLgAZI4zQB6lRXnR8beKfDPiDR7Px9pulJY61OLSC80qeRvIuDysciuASGwRkU2Lxx4q8Va5rFv4B0vSn0/RrhrSW81WeRftM6j5kjVAcAcDc3qKAPR6K4PQvGuveMvCgvPDGm6dBq1pePZ6nZapcuq28qcMFeNG3c4xwODWd4f8e+LtU+JUvhe50vRZ4bFN+p3unXM0iWpI+WMl0UFycfKM9/Q4APTaK8w07x74z8X2l9rPgbQ9Jl0S2leK2N/cus+obDhmjCjagPIG7/8AV2PgnxZaeN/CNlr1hG8SXKkPC/3onUlWU/Qg/UYoA3qKKKACiiigArzX9oT/AJIVr/1tv/SmKvSq81/aE/5IVr/1tv8A0pioA6f4df8AJLvCv/YGtP8A0SldHXOfDr/kl3hX/sDWn/olK6OgAooqK6eaOzme0hWedUYxxM+wO2OFLYOMnjODigDl/EPiu+0n4leD/D1tFbtaa4L03LyKxkTyYg67CCAMk85B49K62vPBbSeOPHfhHxPp7R2qeHGvodUsLolbmCWWFUCbQCDgjOcgFSCMg16HQBzXxJ/5JX4r/wCwNd/+iWp3w6/5Jd4W/wCwNaf+iUpvxJ/5JX4r/wCwNd/+iWp3w6/5Jd4W/wCwNaf+iUoA6OiiigAooooAKKKDyKAPLY/FHi74g+KNY0/wNqFnoei6PObSXVZrX7TLcTj7yohIUKPU+x71peHdU8b6N45Tw34uRNcsLq3aa11yzszCEZeqTKMquexz6dcnGJ8DJ4tKbxX4UvG8vVdP1qeZ4pG+eSJ9uyQeoOOvuPUV1+rePLOz8c2ng+ygmvNVurWW4YwbStqFXKmTJGA3b8PUUAT6p8RfB2iaqdN1bxJp1peKQHhknAKE/wB7+7+OK0tS8S6Jo9vbXGq6tZ2cF0MwSzTqqSDbuyrE4PHP0rzL4HWOi3vwZnuNXhtp7m7mujrT3Kgsz72yJM9Pk2nn1zXAeHbNdb8GfDGy1NWubD/hJJ0gWYbhJApJVeeq5BH04oA9/wBG8eeFfELXC6Lr9hetbIZJlimBZEHVsddo9elcv4F+LmmeKLvxP/aGoabbQaTeSi3KTfftI8Dz2JPKknORgDI+tVfENhaWn7RHguS1t44WuNPvo5jGoXzFVMqDjqASa43S4Y1+HHxnKxoCurakqkKOBg8D2oA9k03x54V1i6ubfS/EGn3UlpF504jnUiNB1YnpgZGT2qPSPiJ4Q1/Uxp2j+I9Ou7w52wxzjc+Ou3+90zxnivJ/G+jWOifs3+HlsrSK2trhdPXU7iKMK7QvtZyzDnl9ufc1ufHWy0zT/hhp02iwW1vf2d9a/wBitbqFZX3DAjx225OBxwD2oA67Q/E2oX/xY8T+H7hozYaZbWsluAmGBkUlsnv0rjNU+KGu6b4b8Ra7btDNHPr40fRVuUCwQBfkaV2UAlSyuck+g46U2617/hGviN8UNabAe00azkQHvJ5R2j8WIFXbiPw34I+Dfhrw747017rTtSMVrduwHlwzSZkaSRiwZcMWO4cjHagCbWI/ix4V00a3Brdl4s8p0afR4tK8lmQkAiJ0JYkZzyPfB6Vb8W/Fqz8N+MvC+jyT2drDqQeXUmvH2SWUewFAwyNpYnHP90j6c74r8CT/AA18J3niTwL411bTYtPh82PTry5FxaSKOkaqw4J6Dr1o8QXza98Qvg7qt9ZJb3GoQXU88JX7paCI457DPGaAPS9d8eeFfDF0ltr+v2NjO6hhFLMN+09DtHOPesD4gfFLTfDXw0m8S6BfadqMsxVLAGYMk77wrY2nJ2gkkDn5T0rndLvrvVfH3iyX4d+G9KWWG6Fpqmq61eSnzJUBUqkYBIUAYxkA15yPKb9nD4ipm1kaHxKSptEKwgGe3GYwckIcHAznGKAPovSfF2ianaaQ0OrWUsurRubVY5QftDRj94E9dpzn0rRbVrBNYTSnvIRqDwmdbYuPMaMHBYD0zxmvMfEvlW3xa+ExwsSGK/HAwNzW6AfiSaTXLuym/aNW3uLgxxweFJvtMiNzErSEnnsQOfxFAHZp8SvBb6x/ZSeKNLN75nlCL7SvL5xtz0znjGevFdPXzo2nap4V+FIjuNP8O+Ovh/b/AL+OaJ3tbor5ud5PTIORxz2r6A0m8h1HRbK9tVdYLm3jmjWT7wVlBAPvg0AeaaBrHjjxj4o8VW2n+JLHSrXRtSa0ijfSRcMy84JbzF/lVjSvFnivQPivY+DfGFzp+qw6tavPZ3tnbGB42QElXTcRjCn8SOe1ct4N8Hz+JfGvxBltvFGu6I8WtOgXTLlY43PJ3MpU5P0Iqx8LrSDRfilrGjeM2uL3xpBCWtNVu7h5BeWh6eWGPykdwM/xehoA9N1j4g+EvD+pDT9a8RafZXZxmGWcBlz03D+H8cVp3+u6VpmjnVtQ1G1t9PCh/tUkoEZB6EN0OcjHrXhnwms/FWo+FdcubeDwtPNeahcLq39qpM05kz8ySY42jqB05rM07T1trf4aaXqmr2Gs+G/7bugJbcu1vvwpgjJcDJDGQDt2oA9z0r4geEtcmgh0jxFp93NcOY4oo5wXdgMkBevTmotH8QxwWGuX2u+ItKuLSx1GaLz4WEaWaAgCGUk43rnBPfIrg/HdrpcH7RPw8e0jgj1CQXIufLADmMIPL3Y7f6wD8a5qHSdP1vwX41sdR1qHRpJPHtybOe4TfG84ZSqMvcHB+nXtigD2fRvH/hPxC066L4gsLx7eMyypHMNyoOrYPOB69K574cfE+18c6x4hszc2AawvpY7OOCTLTWqEATHnkEnqOOQPeudg1HVtJ+KHhqD4keGNHk1K7WW003WtGndQBt5R4m5Iwe/AycDrXJqbq0+F/wAYZdJTbcL4guo9yDBWIyqJMY6DZuoA9rs/iN4N1DWRpNl4l0ye+ZtiwpcKSzegPQn2FWdc8beGfDVwbfXtcsbCcRCbyp5grlC20MF6kZBH4V4/rXh/V7r4LWdteXXgrTNAWCCS21CMTq0LEqVkVsHDk4ye+TWvFpEGr/tG6P8A26lvqM1r4NjmLtHuR5fOZS4Deu9iMjvQB69ZXttqNjBe2M6XFtcRiSKWM5V1IyCD9K8q8XfFu+i8XaLpHhawuPsLa9Dpmo6pcQFYi5kKtBHu+83ytlhwMcdc16zDDHbwpDBGsUUahURFAVQOgAHQV5v8Z/8AmRf+xvsf5SUAel0UUUAFFFFABRRRQAV5t8Gf9T44/wCxw1D/ANkr0mvNvgz/AKnxx/2OGof+yUAdt4lvbHTfCuq32sW32vT7azllurfy1fzYlQll2tw2QCMHg07w7eWWoeF9LvdJt/sthc2cMttBsVPKiZAUXavAwCBgcDHFZ/xBtp734a+JbWzgkuLibSrmOKGJCzyMYmAVQOSSeMCn+BLeez+HXhu2u4ZIJ4dKtY5YpVKtGwiUFSDyCCMEGgDeooooA5LWv+Sr+Fv+vHUP/aFdbXJa1/yVfwt/146h/wC0K62gArlk/wCSuTf9gRP/AEea6muWT/krk3/YET/0eaAOpooooAKo65pMGv8Ah/UNHvHkS31C2ktpWiIDqrqVJUkEZwe4NXqKAPMrf4Jw2drFbWnxB8eQQQoI4ootaCrGoGAoAjwAAMACpP8AhTf/AFUf4gf+Dz/7CvSaKAPNv+FN/wDVR/iB/wCDz/7Cj/hTf/VR/iB/4PP/ALCvSaKAPNv+FN/9VH+IH/g8/wDsKP8AhTf/AFUf4gf+Dz/7CvSaKAPNv+FN/wDVR/iB/wCDz/7Cj/hTf/VR/iB/4PP/ALCvSaKAPNv+FN/9VH+IH/g8/wDsKP8AhTf/AFUf4gf+Dz/7CvSaKAPNv+FN/wDVR/iB/wCDz/7Cj/hTf/VR/iB/4PP/ALCvSaKAPNv+FN/9VH+IH/g8/wDsKP8AhTf/AFUf4gf+Dz/7CvSaKAPNv+FN/wDVR/iB/wCDz/7Cj/hTf/VR/iB/4PP/ALCvSaKAPNv+FN/9VH+IH/g8/wDsKP8AhTf/AFUf4gf+Dz/7CvSaKAPNv+FN/wDVR/iB/wCDz/7Cj/hTf/VR/iB/4PP/ALCvSaKAPNv+FN/9VH+IH/g8/wDsKP8AhTf/AFUf4gf+Dz/7CvSaKAPNv+FN/wDVR/iB/wCDz/7Cul8EeCbHwJpN1Yade398Lu8e9mn1CVZJXlcKGJYKuc7Qeeck810lFABRRRQAUUUUAFFFFABRRRQAUUVwnjfx3qWl+ItP8J+D9Oh1LxFqCGYC5crBaQjrLJjnHBwB1we+AQDu6K8t1jXPif4KsV1rWo9E8QaZEy/bbbToJYriJDgFo9zENj0Iz/T0SbWdOtdHTVL+7hsbN41k867cQqoIyNxbGD7GgC9RVHTdb0rWLNrvSNTs7+2UkNNa3CSoMerKSKpyeM/C8U0MMviTSEluBmFGvog0gzjKjdzzxxQBry/6l/8AdNeefAH/AJIZ4d/3Z/8A0okrvNSv7TTdOmutRuoLS3RTvmnkCIv1J4Feffs+XdvN8EdEihnikktxOsyK4JjJnkIDDtwQeexoA9LorJt/FXh68vobK017TJ7qdS0UEV5G0kgGclVByRwenoaj/wCEy8Mf2n/Z3/CR6T9u37Psv26Lzd3ps3Zz7YoA2qK4fxH8SLTQfiPoHhd3swmoiZrq4luQv2YIm5QR2LHGMn866XVfEmh6E8aa5rWn6a0v+rW8ukhL/TcRmgDTopkM0VxCk1vIksTjcjowZWHqCOtch4/8dS+FP7N03R7D+1Nf1iYw2FmX2qSMbnc9lXIz/TkgA7KivL9T1H4teGdLfWr5PDut29uhkutPsopopFQcsY3JO4geortdB8XaP4g8O6XrFrdxRQaoB9nWaRVZn6GMDPLAgjA9KANuiq1zqNlZzxQ3d5bwSzBmjSWVVZwoyxAJ5wOT6VyfgH4i23jfUdetozaxHTb+S2gSO4DvPEhA87/dJPBHHI5NAHa0VyXxD8ZT+D9FtDplol9q2p3kdjp9vIxVHlfoWI7AAn9OM1jWXi7xX4e8a6ToHj2PSZ4daV1s77S1kQRzKMmN1cnIIPBGPpQB6NRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5z8J9G1LSNS8cPqdlNare+JLq4tjKhXzYmbh19QfWvRqKAOC+Nuk3+ufB7WtP0ezmvbyY2/lwQoWd8XEbHAHoAT+FUvjJ4MvPFHhnSZ9P09NTm0e+jupNNc4F3EBh4xzjOP5GvSqKAPD9M0DRtV8VaRH4U+FD6VHDOs1/f65YPbi3VeQIvm+d8jgjI6djkZkHgnSvCGv6/b+MPh5f+Jobq+kvNO1HTrE3RaN+fKcA5Ug9zwea+g6KAPE2Pi3wl8LXTwx4Ij0fVdZvWAg0qFpTYQEYEsgyd0u0cAcdPTFa3w/1Ky0DS7XwzYeBfGFst1Ji61G+sI182R+HmlcSk/jzgAAdK9WooA+ctC8FaV4M0u60LxZ8ML/AMRanbTSCy1GxsTPFexs2ULuDiMjODu6Ae1ey/DrR7nRPA9lbX+kafo10+ZZrHT8+VCzHpkk5OMZ5Iz0z1rqKKACs/WNJOr2qQjUb6w2Pv8AMsZRGzcEYJIPHP6CtCigDlv+EIf/AKGvxJ/4Gr/8RR/whD/9DX4k/wDA1f8A4iupooA5b/hCH/6GvxJ/4Gr/APEVwHxx8LNpvwb1u6PiDW7wRm3/AHF1dB42zcRjkbRnGc/UCvaK81/aE/5IVr/1tv8A0pioAf4E8Htc/Dnw3OPEviCHzdKtX8qK8UImYlOFGzgDoK3v+EIf/oa/En/gav8A8RU3w6/5Jd4V/wCwNaf+iUro6AOW/wCEIf8A6GvxJ/4Gr/8AEVFdeEo7Kzmurvxh4iht4EaSWR75QqKBkknZ0AFddQQCCCMg9QaAPB9Fl1e1+OfhXUIrnUI9J8Qw3kCLqEm64u4YYd6ySDaNqlmBRT8wAJON2K94rm9a8I/2x488M+JPtvk/2CLsfZ/K3ef58YT724bduM9Dn2rpKAOa+JP/ACSvxX/2Brv/ANEtTvh1/wAku8Lf9ga0/wDRKU34k/8AJK/Ff/YGu/8A0S1O+HX/ACS7wt/2BrT/ANEpQB0dFFFABRRRQAUUUUAcv4m+HHhbxdfRX+taZuv4RiO8t5ngmUem9CCRyeDnrU/hXwJ4c8FpP/wjunLbyXJzPO7tJLKf9p2JJ+mcV0NFAHFap8I/Bmr6pc391pTxyXjB7uO2upYYrkg5zIiMFY5JySOc81uS+EdCm/sgNp0aLoriTT0iZo1t2xt4VSAeOxyK2aKAM268PaXe+IbDXLm136jpySR2s/mMPLWQYcbQdpyPUH2rDk+F3hCTVtW1FtKIuNZheG/2XMqrOr/eyoYAE+owa66igCg2h6Y/h9dDls4ptMWBbb7NKN6mMAAKd2c8Adea5vSPhL4N0TU7e/s9MeSaz/49FubqWdLbnP7tXYhefSuzooA5rVfh94b1q61C5v7Fnm1IwG8YTuBMIWDRgrnGAQOgGcc5rY1bRtO17SpdN1myhvbKYYeCZMqfT6EdiORV2igDz+z+B3gGyuoZU0Z5UgffFb3F3NLCjeoRmI/PNb/irwJ4d8a29rF4i0/7SLNy9u6SvE0ROM4ZCDzgcewroaKAONv/AIT+ENR1afUZtPminugFuhb3s0SXIHTzFVgH/Hr3zVq3+G3hG10LU9GttFij03VXD3dqsjhHYYwQN3yYwPu46CuoooA4+f4VeELrwrZ+HrjTGksLGQy2u65k8yFickrJu3DntnFTaD8NPCnhrVBqWkaX5d/5LQNcyXEkjyKxy2/cxDE4HJ5wMdK6qigDhj8GvA5uC40hxbtL5zWIu5hal/Xyd2z8MY9q7hVCKFQBVUYAAwAKWigDL0jw1pOg3mo3WlWnkTapcG5u28x282T+9hiQPoMCodV8IaHreu6brOo2XmajpbFrS5SaSNo89R8jDcPZsjk8cmtqigDjdZ+E/g/XdUudQvNNkjuLzAuza3csC3P/AF0VGAb6kZql490CS28IafpOheEdP1zQ4ZlW80kjZIIf70B3ABwefU5rv6KAPEvC3gBLn4n6LrOkeDrrwvo+ipM7vqUwe5vJZE2qP9Y52qBkZbHJr0pvAHheTSNV0uXSI5bLV7t729ikkdxLO5BZwScqcgY24x2xXR0UAcpoPw08MeHdWTU7GzmlvYk8uGe8u5bhoE6bU8xjtGOOKms/h74Y0/xNf69aaYsd/qSOl2fNcxzBj826MnZk9+P5mulooA4e1+DngizvobiHSHKQSmaG0ku5Xt4367liZio59sV0o8OaUPFP/CRi1/4m32P7D9o8xv8AUb9+zbnb97nOM+9adFABWZrXh3S/EP2D+2LX7R/Z95HfWv7xk8uZM7X+UjOMng5HtWnRQAUUUUAFFFFABRRRQAV5t8Gf9T44/wCxw1D/ANkr0mvNvgz/AKnxx/2OGof+yUAdt4l1j/hHvCuq615H2j+zrOW68nfs8zYhbbuwcZxjODTvDurf294X0vWPJ+z/ANoWcN15O/d5fmIG25wM4zjOBVPxvp11rHw/8Qabp0XnXd5ptxBBHuC73aNlUZJAGSRyTin+DbC50nwJoOnX8flXVpptvBPHuDbHSJVYZGQcEHkcUAbVFFFAHJa1/wAlX8Lf9eOof+0K62uS1r/kq/hb/rx1D/2hXW0AFcsn/JXJv+wIn/o811Ncsn/JXJv+wIn/AKPNAHU0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5K08WiftTGTVsRJrOiCDT5nbCtIsgLRjtnjp7j1r1qsXxR4Q0PxnpYsPEVgl3Crb42yVeJv7ysMFT9KAOV+JN1428P6Tq3iHRfEGm2+nWNsZksp9P3uxVeR5m8dT7d64DWdR1vxh4/8AAKXWnafqwm0BNTSzv5zDbTXLr85wFbJUYIBB4Jrv4/gl4XkuIn1i61rW4ITuitNU1KSaFCOmF46ehzXQeJPAWg+KLOxhvbeS2fTiDY3FjIbeW04x+7ZcbRgDjpwOOBQB51YaNq+m/FK5vbiDw7oIvNIlW70nT9R3yXOAxSYRFFyQRgtjpmsTwv4K0Bv2T73UbjSrOa/l0y7uzdvAplEib9hDnkY2L0P869Z8P/DnRPD1ze3kb3t/qN9H5M+oajdNPO0f9wMeg9gPT0q5Z+C9HsfAbeELeOUaS1tJalDIS+yTdu+b1+Y80AeJavJqmt6r8LtMeztdVtzoS3iWmpXJjhupxCOWIVtzKMEAg5yR3NU/gXpV9aX3hnU7abR7C3vNPu4ri3F9i61FFklKyGHaMlGGM5Pyj8K9t1n4deHtX8MadpF1BMsejxqthcQztHPb7FCgrIOc4Az61xP7O/hDR7X4b6Z4kW3aTVb6GaJ7iVyxjjE7jYgPCLxk46kmgDF+E2g+FNG/Z/HirWbJEnaG6kn1CGMfao1y8ZWOTqp2jAwQMn8axPFGnyH4GyS6f4A0nRdCS3jmttQv71HvJFYqUkASPh2yOrd/wr3bS/A+haT4H/4RKC1aXRzFJE0M0hYsrklgW69WPPaucPwU8MTaYNN1C61rUNPjQpb2d3qUjxW3GAUXgZAPGc47UAcjq1jp+ofGD4XTXFpb3P23TJ5JmkiVvPItwVLZHzY7Z6VQ8H22u6/4x8bai3hnQ9duxq0tnIdXvCskEK5CRqvlONhXuMZwa9Q1r4Y6Brtrosdw19bzaJEIbK6tLpopkTaFKlh1yFA9evqabrfwv0TWNan1e3utV0a/ukEd1PpN89ublQMDzAOG+uM0AZPwY0680fRdZ065vdMnt4dTlNva6de/aVsQT80BOAV2nsR3NZvjiRdH/aC8EazqbiPTZre4sklcDZHMynAJ7FtwA+h969F8N+GdJ8JaLHpWg2gtbVGLkbizOx6szHlifU/yFO8QeHdJ8U6PLpev2Md7Zy8mOTsexBHKkeo5oAfr2qWWi+H77UdUlSK0t4WeVnIAxjpz69Md6+ePC1jcaZ8OvhSb/Mf2jxOs0avxhGL7fz6j616rH8FvDTSwDVLzW9Ys7dt0NhqOpyTW8ZHTCZ7ehyPXNdJ4p8GaL4x0OPStatmNvC6yQGBzG8DqMKyEdCASKAOM8cPDP8fPh1auFciHUTIjAEFWhA5HvtNVPgdp1jb6n45lgs7eKSLxHdwRukShkjDcICBwvA46V02j/Cjw9pHiKx1/ztUv9Xst4S91C+eeRgy7cMW6gAnA4xmr+jeANG8P+K9Q1/SmvIJ9RZnuLcXLG3d2OWfy+m4kdaAOU+L48nxR8Pb2X5beLxBEkkh6KW6Z/I0vxTH2n4h/Di0hIaf+2DOI++xFBZvoBXe+I/Del+LNDm0nXbUXNpNjK5IZSOjKRyCPUVi+Hfhto3h3XP7ZFxqWqaksPkRXWqXbXDwx/wB1M/dH68n1NAHXUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXmv7Qn/JCtf8Arbf+lMVelV5r+0J/yQrX/rbf+lMVAHT/AA6/5Jd4V/7A1p/6JSujrnPh1/yS7wr/ANga0/8ARKV0dABRRRQB5t41/wCS7/DL6ar/AOky16TWJqlh4euPFuhXmqvbjW7UXH9lLJclJG3IBNsj3Df8uM8HA54rboA5r4k/8kr8V/8AYGu//RLU74df8ku8Lf8AYGtP/RKU34k/8kr8V/8AYGu//RLV5D4U+MnjHTPBui2Fp8JNcv7e1sIIYruIzbZ1WNQJBiAjDAZGCevU0AfQdFeJf8Ly8b/9EX8Qf99T/wDyPR/wvLxv/wBEX8Qf99T/APyPQB7bRXiX/C8vG/8A0RfxB/31P/8AI9H/AAvLxv8A9EX8Qf8AfU//AMj0Ae20V4l/wvLxv/0RfxB/31P/API9H/C8vG//AERfxB/31P8A/I9AHttFeJf8Ly8b/wDRF/EH/fU//wAj0f8AC8vG/wD0RfxB/wB9T/8AyPQB7bRXiX/C8vG//RF/EH/fU/8A8j0f8Ly8b/8ARF/EH/fU/wD8j0Ae20V4l/wvLxv/ANEX8Qf99T//ACPR/wALy8b/APRF/EH/AH1P/wDI9AHttFeJf8Ly8b/9EX8Qf99T/wDyPR/wvLxv/wBEX8Qf99T/APyPQB7bRXiX/C8vG/8A0RfxB/31P/8AI9H/AAvLxv8A9EX8Qf8AfU//AMj0Ae20V4l/wvLxv/0RfxB/31P/API9H/C8vG//AERfxB/31P8A/I9AHttFeJf8Ly8b/wDRF/EH/fU//wAj0f8AC8vG/wD0RfxB/wB9T/8AyPQB7bRXiX/C8vG//RF/EH/fU/8A8j0f8Ly8b/8ARF/EH/fU/wD8j0Ae20V4l/wvLxv/ANEX8Qf99T//ACPR/wALy8b/APRF/EH/AH1P/wDI9AHttFeJf8Ly8b/9EX8Qf99T/wDyPR/wvLxv/wBEX8Qf99T/APyPQB7bRXiX/C8vG/8A0RfxB/31P/8AI9H/AAvLxv8A9EX8Qf8AfU//AMj0Ae20V4l/wvLxv/0RfxB/31P/API9H/C8vG//AERfxB/31P8A/I9AHttFeJf8Ly8b/wDRF/EH/fU//wAj0f8AC8vG/wD0RfxB/wB9T/8AyPQB7bRXiX/C8vG//RF/EH/fU/8A8j0f8Ly8b/8ARF/EH/fU/wD8j0Ae20V4l/wvLxv/ANEX8Qf99T//ACPR/wALy8b/APRF/EH/AH1P/wDI9AHttFeJf8Ly8b/9EX8Qf99T/wDyPR/wvLxv/wBEX8Qf99T/APyPQB7bRXiX/C8vG/8A0RfxB/31P/8AI9H/AAvLxv8A9EX8Qf8AfU//AMj0Ae20V4l/wvLxv/0RfxB/31P/API9H/C8vG//AERfxB/31P8A/I9AHttebfBn/U+OP+xw1D/2Sub/AOF5eN/+iL+IP++p/wD5HrX+AF9PqfhvxTf3dnJYT3Xie8mltJc7oGZYyYzkA5UnByB06CgDvvF2rT6B4K1rWLNI3uNPsJ7mJZQSjMkZYBgCDjI7EU/wrqk+ueDdG1a7WNJ7+wguZViBChnjViACScZPGSad4l0f/hIfCuq6L5/2f+0bOW187Zv8vehXdtyM4znGRTvDuk/2D4X0vR/O+0f2fZw2vnbNvmeWgXdjJxnGcZNAGjRRRQByWtf8lX8Lf9eOof8AtCutrkta/wCSr+Fv+vHUP/aFdbQAVyyf8lcm/wCwIn/o811Ncsn/ACVyb/sCJ/6PNAHU0UUUAFYXjjUbrR/h/wCINS06Xybuz024ngk2htjrGzKcEEHBA4IxW7XM/Er/AJJV4q/7A93/AOiWoA4vw94f+J2veGNL1j/ha32f+0LOG68n/hHLZvL8xA23ORnGcZwK0f8AhCfid/0Vz/y2rb/4qun+Hn/JMPC//YHtP/RKV0VAHm3/AAhPxO/6K5/5bVt/8VR/whPxO/6K5/5bVt/8VXeanrOmaLbifWdRtNPhY7RJdzrEpPpliBVi2ure9tkuLOeK4gcZSWJwysPYjg0Aed/8IT8Tv+iuf+W1bf8AxVH/AAhPxO/6K5/5bVt/8VXaxeJtBn1Q6bBrenSX4ODapdxmUH02A5/StSgDzb/hCfid/wBFc/8ALatv/iqP+EJ+J3/RXP8Ay2rb/wCKr0KO9tZbyW0iuYXuYQDLCsgLxg9CV6jPvTrm6gsrZ7i8njt4Ixl5ZXCqo9STwKAPO/8AhCfid/0Vz/y2rb/4qj/hCfid/wBFc/8ALatv/iq9GWeJljKyoRKMxkMPn4zx68c0+gDzb/hCfid/0Vz/AMtq2/8AiqP+EJ+J3/RXP/Latv8A4qvSaKAPNv8AhCfid/0Vz/y2rb/4qj/hCfid/wBFc/8ALatv/iq9JooA82/4Qn4nf9Fc/wDLatv/AIqj/hCfid/0Vz/y2rb/AOKr0migDzb/AIQn4nf9Fc/8tq2/+Ko/4Qn4nf8ARXP/AC2rb/4qvSaKAPNv+EJ+J3/RXP8Ay2rb/wCKo/4Qn4nf9Fc/8tq2/wDiq9JooA82/wCEJ+J3/RXP/Latv/iqP+EJ+J3/AEVz/wAtq2/+Kr0migDxzXh8RPBOs+FpdR+IX9tWmqa9a6dPa/2Jb2+UkJLHeMnopHGDz14r2OvMfjXbR3sfge1n3+VN4sso32OyNgiQHDKQQfcEEV0v/CufDv8Ad1T/AMHV5/8AHaAOporlv+Fc+Hf7uqf+Dq8/+O0f8K58O/3dU/8AB1ef/HaAOporlv8AhXPh3+7qn/g6vP8A47R/wrnw7/d1T/wdXn/x2gDqaK5b/hXPh3+7qn/g6vP/AI7R/wAK58O/3dU/8HV5/wDHaAOporlv+Fc+Hf7uqf8Ag6vP/jtc54+8GaTo3gbUb/TZNUguoUUxyDWLttuWA6GUjoaAPTKK5b/hXPh3+7qn/g6vP/jtH/CufDv93VP/AAdXn/x2gDqaK5b/AIVz4d/u6p/4Orz/AOO0f8K58O/3dU/8HV5/8doA6miuW/4Vz4d/u6p/4Orz/wCO0f8ACufDv93VP/B1ef8Ax2gDppf9S/8AumvPPgD/AMkM8O/7s/8A6USVty/Dnw6InIXVPun/AJjV5/8AHa4X4J+CtF1b4OaFe3q35nlWbd5WqXMS8TyAYRJAo4HYUAey1ieMfEP/AAifg/Utd+zfavsEBm8nfs347bsHH5VR/wCFc+Hf7uqf+Dq8/wDjtc18RPhrp8vw81lNDtdUudQa2YW8P9qXUu9uw2NIQfoRQBU8MftH+Bte2RajcT6JctxtvUzGT7SLkY92216jYajZapaLdaZdwXlu/wB2a3lEiN9CDivk3wx+zD4v1fZLr9xa6HAequ3nTY/3VO382Fe2eC/gJ4V8GypdRT6leXqkN5zXjwjI9FjKgj2bdQB6dRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXmv7Qn/ACQrX/rbf+lMVelV5r+0J/yQrX/rbf8ApTFQB0/w6/5Jd4V/7A1p/wCiUro65z4df8ku8K/9ga0/9EpXR0AFFFFAHm3jX/ku/wAMvpqv/pMtek1zetazodl488M6ZqOm/aNW1AXf9m3fkI32by4w0vzk7k3KQPlBz0NdJQBzXxJ/5JX4r/7A13/6JanfDr/kl3hb/sDWn/olKb8Sf+SV+K/+wNd/+iWp3w6/5Jd4W/7A1p/6JSgDo6KKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK82+DP+p8cf9jhqH/slek15t8Gf9T44/wCxw1D/ANkoA6j4g3M9l8NfEt1ZzSW9xDpVzJFNE5V42ETEMpHIIPORT/AlxPefDrw3c3c0k882lWskssrFmkYxKSxJ5JJOSTWhrmkwa/4f1DR7x5Et9QtpLaVoiA6q6lSVJBGcHuDS6NpcOh6DYaTaNI8FhbR20TSkFiqKFBJAAzgc4AoAu0UUUAclrX/JV/C3/XjqH/tCutrkta/5Kv4W/wCvHUP/AGhXW0AFcsn/ACVyb/sCJ/6PNdTXLJ/yVyb/ALAif+jzQB1NFFFABXM/Er/klXir/sD3f/olq6auZ+JX/JKvFX/YHu//AES1AEnw8/5Jh4X/AOwPaf8AolK6Kud+Hn/JMPC//YHtP/RKV0VAHC+KvCegReIpfG3ieG51iO0tBbQacbT7UkOXHzpEFJLknBPYfTI474UWcfiHQ/HcGgXjaDY6leulnYx48/TcqVZzGD+7LHovGNvHauv13xL4o8MeOjJc6Neax4VubYCNtKtfOntZwed6D5mU+o6Z9q5nQ4/EVnrXjX4jQ+GLy3bULaOLTdHlTFzcMigCSRB93Jxx1xu9BkAz/iZ4P8JeEfhdY+HNL0m3n8R3DRQaW9vCFvJ7gMu6bcPm9Seccgele0aXHdQ6RZxahIJbtIEWeQdHcKNx/E5rxHwPqV3o2oS+I/FngjxprHiu7BE15/Zkfl26f88oVMg2rjvgE816NqXw38J+L7tNc1rR7v7bdRIzq99PCyfKMKyJIFBHQ47jvQBxEd74lh/aD8XWnhKwsZ7ieztHluNQldYYEVO4QEsxLcD2JrRu/iO9/wCAfGEHibQLQ6v4dAS/013MlvOrcowJGdrDnB5qD7Vq/gz4z+I9UPhXWNQ0O8tLWFLnT7YzsromAAucsOoJGcHGay7rwp4h1rwt8RvE11o9za33iaOKOx0tlzOsUShVLKOjMMfL1GDQAmq3fiGf47+CX0+10uOJtKd7KF55FVY2hHmbgFOGHIUDIIAyRXulePa9ZaxofxC8BeIV0DU9Ss7LTGs7ldPg82SGR0CjcuRgAnk+xr2GgAooooAKKKKACiiigAooooAKKKKACiiigDzb4w/8fHgH/scLH+T16TXm3xh/4+PAP/Y4WP8AJ69JoAKKKKACiiigAooooAK5L4pf8k01f/rmv/oa11tcl8Uv+Saav/1zX/0NaAOtooooAKKKKACiiigBkv8AqX/3TXnnwB/5IZ4d/wB2f/0okr0OX/Uv/umvPPgD/wAkM8O/7s//AKUSUAejUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXmv7Qn/JCtf8Arbf+lMVelV5r+0J/yQrX/rbf+lMVAHT/AA6/5Jd4V/7A1p/6JSujrnPh1/yS7wr/ANga0/8ARKV0dABRRRQB5/4u02+ufjR8PL62s7ia0sxqf2m4jiZo4N9uoXewGFyeBnqa9Arm9a8Xf2P488M+G/sXnf28Ls/aPN2+R5EYf7u07t2cdRj3rpKAOa+JP/JK/Ff/AGBrv/0S1O+HX/JLvC3/AGBrT/0SlN+JP/JK/Ff/AGBrv/0S1O+HX/JLvC3/AGBrT/0SlAHR0UUUAFFFFABRRRQAUUUUAFFFFABRRXnnxv8AFGseEPhtLqvh28+x3q3UUYl8pJPlY4Iw4I/SgD0OimxktGpPUgE1zPiH4keE/C2ojT9a1dYrzZ5ht4YJJ5ETGdzLGrFRjnJxQB1FFY0Hi/w9c+GG8RQaxaNo6qWa88wBFAOCD6HPGOueKyNI+K3gvXNWt9M0/Wgbu6/490ntpoBN/uNIihvwJzQB2FFcx4i+I3hTwpqKWGu6usF48fmCCOGSZ1T+8wjVto46nArC+EnjC/8AGJ8VXF5qC39pa65PBp8iRoqi3HKAFQNwwRyck+tAHolFec/FXXte0vVPCOneHdWbSjrGqraXEyW8UrbCOwkUis/xvaePfB/hO98Q2XxCa7GnR+c9pfaXbKk4B+7uRVIJ7Y6nA4oA9WorlYPiBpFt4B0rxP4kuY9Jh1C3ilCSZLb3XdsVQCzHrgAE4q54b8b+HfFr3EegaktzNa48+B4nhljz0JSRVYD3xigDeorjLj4u+BbXVJrCfxDCs0EnlSv5UhiR+flMoXZng8bu1S3PiWz1LU/C11pPimO1stSeUxWos/M/tNQv3Q5GY9vXPegDrqK47Ufiz4J0rUrixvtcRZraTy52S3lkjhbONryKhRTnjBIrD8efFe18NeK/C2nWl9b/AGTUZRNfTCJpMW5GUZCAQQ3PTJwO1AHptFc1r3xD8LeGriC31jVViuLiPzY7eKCSaUp/eKRqzAe5AqU+O/DP/CIHxSNYt20VcbrxcsqksFAIAyDuIGCMjNAHQUVz3hjx54a8Zz3sXhnU1v2sWC3BSJ1VCc4wWUBs7TyM9K53xr4g1y88faR4H8K6gmlXF3bPfX2oGFZXhgU7VCK3GWYEZPSgD0OivOvCXiDXdM+JGoeBfFWpLq0i2K6jp+oGBYpJIi2xkdVwuQehA5AJNei0AFFFFABRRRQAUUUUAFFFFABRRRQAV5t8Gf8AU+OP+xw1D/2SvSa82+DP+p8cf9jhqH/slAHR/Er/AJJV4q/7A93/AOiWqT4ef8kw8Lf9ge0/9EpWprlxptp4f1C410RtpkNtI94JYvMQwhSX3Jg7htzxg59K52HVPEUtnay+DdB0O40GS3ifT5JNRktiYSilf3QtzsGDgDPTHTpQB2FFcl/aPxB/6Frw/wD+DuX/AORqP7R+IP8A0LXh/wD8Hcv/AMjUAGtf8lX8Lf8AXjqH/tCutrzu8tPiBd+KtL1o6FoCHT4LiERf2xKd/m7Oc/Z+MbPTnNa/9o/EH/oWvD//AIO5f/kagDra5ZP+SuTf9gRP/R5qP+0fiD/0LXh//wAHcv8A8jVziX/jj/hZ0rjQNE+1f2QoMf8Aa8uzZ5x53fZ85z2x+NAHqFR3FxDa20lxdSpDDEpeSWRgqooGSSTwAB3rlv7R+IP/AELXh/8A8Hcv/wAjVheN7/x0/wAP9fW98P6HFbnTbgSyRaxK7KvltkhTbgE47ZH1oA9Gt7iG7t0ntZo54XGUkjYMrD1BHWud+JX/ACSrxV/2B7v/ANEtXw/4X8SeJ9C1BF8JajqFtcSNxDZux8w+hQcN9CDX0AviL4xal8LfEK+LvDtkNPbSbkSXd232W4C+U2T5a5ycdii59RQB7J8PP+SYeF/+wPaf+iUroq534ef8kw8L/wDYHtP/AESldFQAUV5P4rub/wAcfF+HwJBqN1p+jWFj9u1Q2cpjkuSSAsW4cheRn1yfap7/AOEZ8PXVjqfwtvJdH1CC4Q3EF1fTSW15Fn51kDFucdCB+RwQAeo0VxmvfEWPTfFA8NaJot9r+srCJ57ezZEW3Q9C8jkKCew/+tUVl8VNKuvDGvanNY3tpeeH1Y6jpc6qJ4sAkY5wQQDg5waAO4orl9f8eWHh74cr4xubW4ls2ggm8mPb5mJWQKOTjI3jPPas3XvihDpHjL/hFrHQNU1fVntFu4o7QIFZSSOWZhtxg8n2HegDuqK80uPii+reCfFMumaNqVnrmiRtHc2MnliW3ZkJWUHdtKjBPr8p4PGaXgv4kjRvgzpOr+KrbUnuZNtvb7iJp9Tlckjy8MSSefvYPBoA9YoridL+Ixl8SWeh+JfDuo+HbzUFZrFrto5I7ggZKB0YgPjnaf8ADNGD4uLqHi690DRvC2s6jJp179lvbiFU8uH5tofO7p1OPQGgD0SiuR+KniS58JfDHWdYsG2XUMSxwvjOx5HEat+BYH8K858V+Fm+G3w7s/G+i6rqT67YvbS38099LImoCRlR0dGJXGX4wARj1oA90opkEy3FvHMmdsihxnrgjNPoAKKKKACiiigAooooA82+MP8Ax8eAf+xwsf5PXpNebfGH/j48A/8AY4WP8nr0mgAooooAKKKKACiiigArkvil/wAk01f/AK5r/wChrXW1yXxS/wCSaav/ANc1/wDQ1oA62iiigAooooAKKKKAGS/6l/8AdNeefAH/AJIZ4d/3Z/8A0okr0OX/AFL/AO6a88+AP/JDPDv+7P8A+lElAHo1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUANkkSJC8rqijqzHAFJDPFcRiS3lSVD0ZGDA/iK8a0LSbf4vfETxPqHivzLzQ9Bvjp2naYZSIS6ZDysoPzEkAjPY47Cun0/4XReGPHllrXgi5XR9MZHTVNLG5orngbGVc4Vh6+w9TkA9Borz+X4heIdQ1HVIvCHgibVrTTJmt5bq6v1s/NlXBKxKyMWGD944B7VSvfjXYW3w50bxdb6Ne3MWqagunmzUgTRSfPnH945jIA4zkdKAPTaK4Ky+ImqW3ijTNG8Z+FX0E6vuWxuEvkuo3kAz5blVGxsdOoJ71x/gPxf4hi8bfEW+1nSZmhsys0sb6gsgs/LidliX1Dc8rwO9AHttFchN4+ii+Ew8cGwcxGxW8+yeaN2Dj5d2PfrisfxD8VbzS9e0fRNE8K3GtalrGnrfW8Md2sQGeqszDAAAJ3fh3oA9Horz6b4karLq1toOj+E5L7xD9kS61Gza/SOHTg3RXm2kFvYLyK2PBnjdPFU2pafe6dLpGtaTIsd9p80gkMe4ZVlccMpHQj/AAyAdTRXNeJvh54U8Y3kV34l0eK/nhj8qN3d1KrknHykdya8n+DXww8G694e1W81fQobm4tdbuYIZGkcFEQrtXhh0zQB77RXmmlfFTWPEHi3UdH0HwTcXdrpeqPp9/ftfpGkIV9nmBSuX6ElRyBj1qj4f+IPh/w18LrG90Dw/cRG/wBSls9P0eK4Msk9wZWB+d+gJycnpmgD1mivNh8UtX0/xdovh3xR4Nm0q71mXZBLHfpcQ7cfMdwUfMDgFcd85xXXeNNZl8O+Bdb1i2AM9jYzTRAjI3qhK59s4oA2d6+Zs3LvxnbnnHrinV4BL8P9MtvgKnjWCS4XxYunrrP9tee3nmUqJCCc8rg7cY6e/Ne1eFdWfXvB+j6vKoSS/sYbl1HQF0DEfmaANWiisjXdffRGgCaLqup+aGydPgWTy8Y+9lhjOePoaANeiuS/4Tyb/oTfFH/gFH/8co/4Tyb/AKE3xR/4BR//ABygDra81/aE/wCSFa/9bb/0pird/wCE8m/6E3xR/wCAUf8A8crgPjf4tk1P4O61aN4a16xEht/9Iu7ZEiTE8Z5IcnnGBx1IoA9J+HX/ACS7wr/2BrT/ANEpXR15p4F8ay2vw78OW48J+I5xFpVqglhtEKSYiUblJkGQeore/wCE8m/6E3xR/wCAUf8A8coA62gkDqcfWuS/4Tyb/oTfFH/gFH/8cqlq/iaDXdJuNN1TwP4nntbhdsiGzQd8ggiTIIIBBHIIBoAk8T+HtU1H4s+BdZs7bzNP0kah9sm8xR5XmwBU+UnLZIxwDjviu2rxXwn8UdePxN0fwJd20ktsz3Mct9qEW26ZEg8yNW2sVEi4wx53BlOFJr2qgDmviT/ySvxX/wBga7/9EtTvh1/yS7wt/wBga0/9EpTfiT/ySvxX/wBga7/9EtTvh1/yS7wt/wBga0/9EpQB0dFFFABRRRQAUUUUAFFFFABRRRQAV5L+0p/yR6f/AK/YP/Qq9arO1zQNK8SaadP12xivrRmDmGYZUkdDQBPDqFmY4wLuAkgceYK8x+FD28XxC+Iqam0a60dYZz5uBIbT/lkRnnaBj9Paumg+EfgG2uI54PCunpLGwdGEZypByD1q/wCIvh94U8WXSXPiDQ7W8uEXaJiCkm3+6WUgkcng8UAeGf27pOm6X46nj0i21rRNQ8Tw22mwSPstTclWLuWH8IIB44PGPWtf4kzeJLbXvAg8Y6toTy/8JDayw6fpVq6lEDcvvdyxXoMbQCSPTFezy+EfD03hv/hH5NFsjpGMfYhAojHOc4HfPOeueay7P4XeCbCMJa+HLNSsiSiRlLSBk+6Q5JYY7DOKAOV+G7QQfFf4ixarsTVZL2ORfN4Z7XYdhGeqgYzj2zSfA1rB5fG7aNs+wnxFOYPL+7twMbfb09q7bxF4C8L+LLmK58Q6LbXs8K7UlcFXC/3SykEjk8Hir2ieG9G8NwzQ6Dptvp8U8nmyR26bVZsYzgewFAHm3xvsI9U17wBYzSTRR3GuLGzwSGORQQOVYcg+4rnPiX8PrfwZJp/iSeTVvEvhm2nUarpWo6hLMI1JAWZPmGcHqGyOfTOPcNR0PTNWubK41KyiuZrCYT2ryDJikH8Q96s3dpb39lNaXsKT286GOWKRcq6kYII7gigDxTx3PJqPxY+Ht5omoadaaZNZStpVxd2xmthKV4G0MoB27NvIwcU/VtJ1d/ilG934r06bxPHot0kdlpulyxtLG0bbPMfe6rh8Ebseg6ivT5fA3hifw0nh+fRLSXSY23R2jpuWM5JyueVPJ6epo0DwR4e8JW9yvhfS7fTZbgHfMilnY9ssxJIB5xnFAHl3hjUfDUX7Kc8F1PZoiabcR3UMjAMLkluCDzvLYx36Y7VQ8Pf8efwTz/09f+ijVrUPB3ibUbG9gv8A4Y6HceJLoSQHxHFcQJb/ADggT+Wfn3gH+7nIzntXp/h3wRpuj+H/AA7ZXcEV5daDAEt7krgo5XDsvpnmgDyuz0/UNP8AD/ie++Heu6Nrnhh7u5m1HRtcs3iaNyP3se/hugwNwA4HXklb7W7PWbn4OarbWCaRazXUuy1yAkIChcDp8vHHsRXp2qfDDwVrWqvqWp+HLOe7lYPLJtK+aeuXAIDH6g1o634O8O+I9Kt9N1rR7W6s7bHkQsm1YcDA24xtGOMCgDyXwzb+I5vjX49XTNY0rT9TaeEhb+xad5Lbb8hjIkXC425AyM7faua8SWMNt8KPibLb+ILTV2n1GzN1HY2MlvBBcC4QPtLEqxPGdpOMc9RXuuu/D3wn4lW3GuaFa3ZtoxFC5Uq6IOi7lIOPbOKs/wDCGeHB4XPhxdGtF0c4zZLHiNiGDAkDqcgHPXIoA0dNsrfTtMtrWziWKGCFIo1VQMKowBxXmussml/tPaHe3zrDBqWgyWNs7HAeZJWcrn1wwx6k4r1QDAwOBWX4g8M6N4q04WPiHToL+3DB1SVfut6gjkH3FAHAWxTVv2pLm5sXEsWk+HVtrp1ORHK0zMEPvtbP4GvU6yfD3hfRPCli9n4d02Gwgd97rEOXb1Zjkk/U1rUAFFFFABRRRQAUUUUAFFFFABRRRQAV5t8Gf9T44/7HDUP/AGSvSa82+DP+p8cf9jhqH/slAHR/Er/klXir/sD3f/olqk+Hn/JMPC3/AGB7T/0SlamuatBoHh/UNYvEke30+2kuZViALsqKWIUEgZwO5FLo2qQ65oNhq1osiQX9tHcxLKAGCuoYAgEjODzgmgC7RRRQAUUUUAFcsn/JXJv+wIn/AKPNdTXLJ/yVyb/sCJ/6PNAHU1X1CwttV0250+/j821uomhmj3EbkYYIyORwe1WKKAMjQfCmgeF7fyfD2kWenrjDGCIKzf7zdW/EmqHxK/5JV4q/7A93/wCiWrpq5n4lf8kq8Vf9ge7/APRLUASfDz/kmHhf/sD2n/olK6Kud+Hn/JMPC/8A2B7T/wBEpXRUAeReLZ5Ph38ZovHF7azS+HtU0/7BqFxBCZDZurArIwAztOFGfr3wDZ8QfF6HWJLPRfhRLFrmuXcybn8l2gtYs5Z5G4A44xnP44z6pUcUEMAIgiSMHqEUDP5UAeP2Or2vw6+N/iu58ZTfYbLxFDay2OoyIwgZokKvGW5Ctz0J6AeorFaC68aSfFLxPoNncSaZqGlCzsHMRU3rpHyyKRkjjA9cj6V75JFHMmyZFkX+6wyKVQFUKoAAGAB2oA+b/HfxI8P6x+zraaFpd01xqX2azhurZYX3WpiePcXOMKNyhQT1yMV6Hpkan9pjUHI+ZfDEQB9Mz16WkUcbs0caqznLELgt9afQB41BDJcePfjRDAjSSSWFoqIoyWJs2wBXDtPa638JPAepWF1ey2vha8VdZ/s7ctxZg/8ALQfLnK4zkZ619O0ioqZ2qF3HJwOp9aAPDLf/AIRHxH478O2uh6/4m8XT21yt75v2/fBYbSCHkJQdeRtBz2rqfhKijXvH7gfM3iKUE+oCjH8zXpEcMUOfJjSPccnaoGafQBxfxd8P3fij4U63penRtLdPEssUaDJkaN1k2j3OzH4153408caT8RPhbp/hHw1K1zr2rvbQSWIjbzLQxyI0hkBHyhShGT169K94piwxJK0iRosjfecKAT+NACW8It7WKEHIjQICfYYqSiigAooooAKKKKACiiigDzb4w/8AHx4B/wCxwsf5PXpNebfGH/j48A/9jhY/yevSaACiiigAooooAKKKKACuS+KX/JNNX/65r/6GtdbXkfxd+KXhKx0XWfC11qMkesKqKbc2suOSrD5tu3oc9aAPXKK5Xwf8SfC/jy4uYfC9/JePaqHmzbSRhQTgcsoHY8e1dVQAUUUUAFFFFADJf9S/+6a88+AP/JDPDv8Auz/+lElehy/6l/8AdNeefAH/AJIZ4d/3Z/8A0okoA9GooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDxyyvpfhF8QvEh1vT72Twz4guv7Rt9RtLdp1t5m/1iSBQSuSeOOgGO+Nex8da1448d6ZD4HhuIPDNpvk1TUbyzMa3PZYog4DZyOSMdfbn0yigD57s9XGqX2tL8S9R8WHW472WO18Pab9ohhli/5ZiMRAB84I3FumD7nAje90T4H+DftelXC3WneN4z9hCEyOQZXCAHkk5wPWvqOuc8Y+EI/Fy6IJbxrX+ydWg1Ndse7zDFu+Q8jAO7r7UAef8AiDWYPin4y8I2PhSC+ltdI1NNT1G+ltJII7cRjiIlwMu2cYGf54qaT51v8QPih4entLqO/wBfQvp263fy5lED5PmY2j7wHJ68da9uooA+cr3xtHP+zufBtnpOrt4jgsEs7mxOnygwBWAZ2YrtA2jjnOSBiu20yxuP+F0eFrh7WTyovCWwyGM7UfcOM9jjPFer0UAeEeJND07w98Z9d1fxoNah0XW4YHtdT06a5VYpEQI0Uvkc84yMjAGPeun+E9jps2ua7rmi6DqdnZT+XBb6pql7NJLqKKM7hHKMqo6BieQe2CB6hRQAGvM/gXaXFn4T1tLu3lgZ9fu3USoVLKduCM9vevTKKAPN/hDZzWsnjpri2khM3iy+dDJGV3plcEZ6jrg155o2haxZ/D7wf4jg0q8u28P69dT3VlFEfOaB5WDOqdWIwDj3r6LrnfGfhWXxVp1sljrF1o1/ZXC3NreWw3bXGeHQ8Opzyp64FAHlvijxlb+L/ix8OxpOn6klpBfyMbq7tHgV3KjKKHAJ2gZJ6DIr1vxhor+I/BWs6NE2yS+spYEY9mZSAfzxXPab8PtRl8Y2XiTxj4kbXbrTEddPhisltYbcuMO+0MxZiB1J/pXdUAeBzeMmuPglH4Ai0jUv+EuayXRzphtHG0gCMymTGzZtG7Of05r2nw1pP9g+FNK0jdvNhZw2xYfxFEC5/StOigAooooAKKKKACvNf2hP+SFa/wDW2/8ASmKvSq81/aE/5IVr/wBbb/0pioA6f4df8ku8K/8AYGtP/RKV0dc58Ov+SXeFf+wNaf8AolK6OgAqlrFpd3+kXFrp1+2nXEy7VukjDtEM8lQeM4zgnocHBxirtFAHFL8NbC18S+FNT0q4+yweHftZMDR+Y921xGEZ3kLZ3ZG4kglie1drXn/i7Ur62+NHw8sba8uIbS8Gp/abeOVljn2W6ld6g4bB5Gehr0CgDmviT/ySvxX/ANga7/8ARLU74df8ku8Lf9ga0/8ARKU34k/8kr8V/wDYGu//AES1O+HX/JLvC3/YGtP/AESlAHR0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5t8Gf9T44/7HDUP/AGSvSa82+DP+p8cf9jhqH/slAHWeN9OutY+H/iDTdOi867vNNuIII9wXe7RsqjJIAySOScU/wbYXOk+BNB06/j8q6tNNt4J49wbY6RKrDIyDgg8jineLtWn0DwVrWsWaRvcafYT3MSyglGZIywDAEHGR2Ip/hXVJ9c8G6Nq12saT39hBcyrECFDPGrEAEk4yeMk0AatFFFABRRRQAVyyf8lcm/7Aif8Ao811Ncsn/JXJv+wIn/o80AdTRRRQAVzPxK/5JV4q/wCwPd/+iWrpq5n4lf8AJKvFX/YHu/8A0S1AEnw8/wCSYeF/+wPaf+iUroq534ef8kw8L/8AYHtP/RKV0VABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5t8Yf8Aj48A/wDY4WP8nr0mvNvjD/x8eAf+xwsf5PXpNABRRVHXNXg0Dw/qGsXiSPb2FtJcyrEAXZUUsQoJAzgdyKAL1FeJf8NV+CP+gV4g/wDAeD/49R/w1X4I/wCgV4g/8B4P/j1AHttFeJf8NV+CP+gV4g/8B4P/AI9R/wANV+CP+gV4g/8AAeD/AOPUAe218vftV+GPs2u6T4lgTCXcRtJyBxvT5lJ9yC3/AHzXaf8ADVfgj/oFeIP/AAHg/wDj1cX8V/jl4M+IPgG40W003WY7zzY5raW4giCIytySRITypYdO9AHoH7NPhj+xPhh/acybbjWJzNkjny1+VB+e4/8AAq9hrwXR/wBpfwBomiWWl2ek+IBBZQJBH/o0H3VUAf8ALb2q7/w1X4I/6BXiD/wHg/8Aj1AHttFeJf8ADVfgj/oFeIP/AAHg/wDj1H/DVfgj/oFeIP8AwHg/+PUAe20V4l/w1X4I/wCgV4g/8B4P/j1Kv7VPghmCjS/EGScf8e8H/wAeoA9pl/1L/wC6a88+AP8AyQzw7/uz/wDpRJXocv8AqX/3TXl/wZ1JNH/Zw0vUpY2kSztbudkU4LBZpTgflQB6nRXmmm/FTXdY0eDVdM+HOsXNlcR+ZFKl1b/OvqBuz+GKlHxo0SXw1put29leG2utUXS7qOVRHJYynr5ik9B7HuO/FAHo1Fcd8R/iNY/DjR7W+vrOe+a5mMSQW5AbAUsz89gBz9as+JPHmm+HPh5/wl8qPcWbQwzRRxkBpBKVCgZ/3hQB1FFeezfF3T7P4k6d4Nv9Nube6voomE7OuyN5FJVD3zkbfrXQeO/Gdl4C8JXOvalE88cLIiwxkBpGZgABn65+gNAHRUVw1z8U9NtvAWkeJDY3UsutMkVjp0O1pppGJAUc47ZJ/wD1VP4c+ILap4lbw54g0K88PayYPtMNvcyJKk8eeSkiEgkdx1H50AdlRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5r+0J/yQrX/rbf+lMVelV5r+0J/wAkK1/623/pTFQB0/w6/wCSXeFf+wNaf+iUro65z4df8ku8K/8AYGtP/RKV0dABRRRQBiap4UsdW8W6F4huZbhbvQxcC2SNlEb+cgRt4IJOAOMEc+tbdebeNf8Aku/wy+mq/wDpMtek0Ac18Sf+SV+K/wDsDXf/AKJasHwH4+8HWfw58N2134s0OC4h0m1jlil1KFWjYQqCpBbIIIwQa3viT/ySvxX/ANga7/8ARLVg+A/APg68+HPhu5u/Cehz3E2k2skssumws0jGFSWJK5JJOSTQBv8A/Cx/BH/Q5eH/APwaQf8AxVH/AAsfwR/0OXh//wAGkH/xVH/CuPBH/Qm+H/8AwVwf/E0f8K48Ef8AQm+H/wDwVwf/ABNAB/wsfwR/0OXh/wD8GkH/AMVR/wALH8Ef9Dl4f/8ABpB/8VR/wrjwR/0Jvh//AMFcH/xNH/CuPBH/AEJvh/8A8FcH/wATQAf8LH8Ef9Dl4f8A/BpB/wDFUf8ACx/BH/Q5eH//AAaQf/FUf8K48Ef9Cb4f/wDBXB/8TR/wrjwR/wBCb4f/APBXB/8AE0AH/Cx/BH/Q5eH/APwaQf8AxVH/AAsfwR/0OXh//wAGkH/xVH/CuPBH/Qm+H/8AwVwf/E0f8K48Ef8AQm+H/wDwVwf/ABNAB/wsfwR/0OXh/wD8GkH/AMVR/wALH8Ef9Dl4f/8ABpB/8VR/wrjwR/0Jvh//AMFcH/xNH/CuPBH/AEJvh/8A8FcH/wATQAf8LH8Ef9Dl4f8A/BpB/wDFUf8ACx/BH/Q5eH//AAaQf/FUf8K48Ef9Cb4f/wDBXB/8TR/wrjwR/wBCb4f/APBXB/8AE0AH/Cx/BH/Q5eH/APwaQf8AxVH/AAsfwR/0OXh//wAGkH/xVH/CuPBH/Qm+H/8AwVwf/E0f8K48Ef8AQm+H/wDwVwf/ABNAB/wsfwR/0OXh/wD8GkH/AMVR/wALH8Ef9Dl4f/8ABpB/8VR/wrjwR/0Jvh//AMFcH/xNH/CuPBH/AEJvh/8A8FcH/wATQAf8LH8Ef9Dl4f8A/BpB/wDFUf8ACx/BH/Q5eH//AAaQf/FUf8K48Ef9Cb4f/wDBXB/8TR/wrjwR/wBCb4f/APBXB/8AE0AH/Cx/BH/Q5eH/APwaQf8AxVH/AAsfwR/0OXh//wAGkH/xVH/CuPBH/Qm+H/8AwVwf/E0f8K48Ef8AQm+H/wDwVwf/ABNAB/wsfwR/0OXh/wD8GkH/AMVR/wALH8Ef9Dl4f/8ABpB/8VR/wrjwR/0Jvh//AMFcH/xNH/CuPBH/AEJvh/8A8FcH/wATQAf8LH8Ef9Dl4f8A/BpB/wDFUf8ACx/BH/Q5eH//AAaQf/FUf8K48Ef9Cb4f/wDBXB/8TR/wrjwR/wBCb4f/APBXB/8AE0AH/Cx/BH/Q5eH/APwaQf8AxVH/AAsfwR/0OXh//wAGkH/xVH/CuPBH/Qm+H/8AwVwf/E0f8K48Ef8AQm+H/wDwVwf/ABNAB/wsfwR/0OXh/wD8GkH/AMVR/wALH8Ef9Dl4f/8ABpB/8VR/wrjwR/0Jvh//AMFcH/xNH/CuPBH/AEJvh/8A8FcH/wATQAf8LH8Ef9Dl4f8A/BpB/wDFUf8ACx/BH/Q5eH//AAaQf/FUf8K48Ef9Cb4f/wDBXB/8TR/wrjwR/wBCb4f/APBXB/8AE0AH/Cx/BH/Q5eH/APwaQf8AxVH/AAsfwR/0OXh//wAGkH/xVH/CuPBH/Qm+H/8AwVwf/E0f8K48Ef8AQm+H/wDwVwf/ABNAB/wsfwR/0OXh/wD8GkH/AMVR/wALH8Ef9Dl4f/8ABpB/8VR/wrjwR/0Jvh//AMFcH/xNH/CuPBH/AEJvh/8A8FcH/wATQAf8LH8Ef9Dl4f8A/BpB/wDFUf8ACx/BH/Q5eH//AAaQf/FUf8K48Ef9Cb4f/wDBXB/8TR/wrjwR/wBCb4f/APBXB/8AE0AH/Cx/BH/Q5eH/APwaQf8AxVH/AAsfwR/0OXh//wAGkH/xVH/CuPBH/Qm+H/8AwVwf/E0f8K48Ef8AQm+H/wDwVwf/ABNAB/wsfwR/0OXh/wD8GkH/AMVR/wALH8Ef9Dl4f/8ABpB/8VR/wrjwR/0Jvh//AMFcH/xNH/CuPBH/AEJvh/8A8FcH/wATQAf8LH8Ef9Dl4f8A/BpB/wDFUf8ACx/BH/Q5eH//AAaQf/FUf8K48Ef9Cb4f/wDBXB/8TR/wrjwR/wBCb4f/APBXB/8AE0AH/Cx/BH/Q5eH/APwaQf8AxVct8EbiG80/xnc2k0c8E3i2/kiliYMsinyyGBHBBByCK6n/AIVx4I/6E3w//wCCuD/4muW+CNvDZ6f4ztrSGOCCHxbfxxRRKFWNR5YCgDgAAYAFAHa+LtJn1/wVrWj2bxpcahYT20TSkhFZ4yoLEAnGT2Bp/hXS59D8G6NpN20bz2FhBbStESVLJGqkgkA4yOMgVX8b6jdaP8P/ABBqWnS+Td2em3E8Em0NsdY2ZTggg4IHBGKf4N1C51XwJoOo38nm3V3ptvPPJtC73eJWY4GAMkngcUAbVFFFABRRRQAVyyf8lcm/7Aif+jzXU1yyf8lcm/7Aif8Ao80AdTRRRQAVz3xBtp734a+JbWzgkuLibSrmOKGJCzyMYmAVQOSSeMCuhooA8h8K/FCfQ/B2jaTd/Dvx489hYQW0rRaISpZI1UkEuDjI4yBWr/wuT/qnHxA/8Ef/ANnXpNFAHm3/AAuT/qnHxA/8Ef8A9nR/wuT/AKpx8QP/AAR//Z16TRQB5t/wuT/qnHxA/wDBH/8AZ0f8Lk/6px8QP/BH/wDZ16TRQB5t/wALk/6px8QP/BH/APZ0f8Lk/wCqcfED/wAEf/2dek0UAebf8Lk/6px8QP8AwR//AGdH/C5P+qcfED/wR/8A2dek0UAebf8AC5P+qcfED/wR/wD2dH/C5P8AqnHxA/8ABH/9nXpNFAHm3/C5P+qcfED/AMEf/wBnR/wuT/qnHxA/8Ef/ANnXpNFAHm3/AAuT/qnHxA/8Ef8A9nR/wuT/AKpx8QP/AAR//Z16TRQB5t/wuT/qnHxA/wDBH/8AZ0f8Lk/6px8QP/BH/wDZ16TRQB5t/wALk/6px8QP/BH/APZ0f8Lk/wCqcfED/wAEf/2dek0UAebf8Lk/6px8QP8AwR//AGdH/C5P+qcfED/wR/8A2dek0UAeJeKvFl9471rwdZ6f4H8X2AsfElpez3Go6Q0USRKWDEsC2MbgecDAPNe20UUAFcx8S/8AklPir/sD3X/opq6euY+Jf/JKfFX/AGB7r/0U1AEvw9/5Jj4X/wCwPaf+iVroq534e/8AJMfC/wD2B7T/ANErXRUAFFc38QfE83g3wJqWvW1tHcy2aKyxSMVVsuF5I+tcz/wkvxRGirqsfhfQLqEwC4EMOoyCV1I3YGUxnHvQB6VRXmOk/GAa1qXgx7XTRHpfiYTxvLI53208YPyccEE4APGRz7UvxG+Lb+BvF2maTBp0d3bvGlxqU7OVNrA0qxqw/Enr7UAem0VyPjfxnceGb7w7p+mWcd5ea3qKWqpI5Ajjxl5OOuOPzrndE+Lk1/8AGa+8E3+nRW9vG8sVpdq5JlkRVcqQePuk/p60AeoUV578Xvic3w10WxuLSyjv7y8nKJBIxUCNVy78enyj8a7jTLs3+k2d46hGuIElKg8AsoOP1oAtV4l+1P8A8k40j/sNR/8AomWvba8S/an/AOScaR/2Go//AETLQB7VL/qX/wB014/8OP8Ak0xf+wZf/wDoyavYJf8AUv8A7pry74O6b/bP7Nmm6Z5vk/bLS7g83bu2bppVzjIzjPTNAGL8NNc+I8Xw10W20Xwdp09mtpi3vLjVQm8ZOCUCkj6U7UfhhqOm/AzxVBq88V1rmoXEmszG1yESYESbUzz/AAkfjXqXg7w9/wAIn4P03QvtX2v7DCIvP8vZv5PO3Jx19TWvLEs8LxSAMjqVYEdQaAPFtOuYPit8QtFNyvnWGneGTPcAngXF0mxlI6ZC5rmtIu5vEHhzwT8PLx/MurDxBNb3w9YrMliCPTDoB9K9V+F/wvt/hpa6nHDqLajJfzK/mvDsKRoMJH95s4yeePoKNG+Ftpo/xZ1Txsl+0pvoysdiYcLA7BA7ht3JOz0H3qAPN/iPok2rfEPxjdWHGoaPplnqdowGSrxOWOPcruH41oePtZi+I66TBZ/Np9noM/iC7TOQrmJlhU+4Ytx7V6da+DVt/H+reJZLwSpqVlHaNaGHhAhPO7POc9MCub8H/By18IeHPEelwaq9y2tI8KTPBj7NCVYIgG47tu8nORn0FAHB6EWNx8D0bmEw3ZII43BV2/j1xXaePsr8d/hqYeJCb8MV67fLTr7Yz+taFz8KUl+H+g6Fb6zJbap4fZZbDVooACkik8mMkgqc8rmrWgeA9Sj8YjxT4w1yPWNSggNvZpBa+RDbIfvELuYlj65/pgA7iiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArzX9oT/khWv/W2/wDSmKvSq81/aE/5IVr/ANbb/wBKYqAOn+HX/JLvCv8A2BrT/wBEpXR1znw6/wCSXeFf+wNaf+iUro6ACiiigDE1S/8AD1v4t0Kz1VLc63dC4/sppLYvIu1AZtkm07PlxnkZHHNbdebeNf8Aku/wy+mq/wDpMtek0Ac18Sf+SV+K/wDsDXf/AKJanfDr/kl3hb/sDWn/AKJSm/En/klfiv8A7A13/wCiWp3w6/5Jd4W/7A1p/wCiUoA6OiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvNvgz/qfHH/AGOGof8Aslek15t8Gf8AU+OP+xw1D/2SgDu9c0mDX/D+oaPePIlvqFtJbStEQHVXUqSpIIzg9waXRtLh0PQbDSbRpHgsLaO2iaUgsVRQoJIAGcDnAFY3xK/5JV4q/wCwPd/+iWqT4ef8kw8Lf9ge0/8ARKUAdFRRRQAUUUUAFcsn/JXJv+wIn/o811Ncsn/JXJv+wIn/AKPNAHU0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXMfEv/AJJT4q/7A91/6KaunrmPiX/ySnxV/wBge6/9FNQBL8Pf+SY+F/8AsD2n/ola6Kud+Hv/ACTHwv8A9ge0/wDRK10VAHn/AMc/+SLeIMdfKj/9GrWRpejfFjUfCtrajxF4dsLWazjSOa3spXmjQoMH5jt3Y/Wu/wDFfhqz8YeGLzQtTknitbxQsj27BXGGDcEgjqPStKytUsbC3tISxjt4liUseSFGBn34oA8c8eeCbfwD8HNEbRjJcP4T1GDUBKeGlPmfvD7D5847AVDZaMnxMHxN1ePEsV4v9k6c+3OPITdkeoMhVvwr2DXNGtfEOgX2j6iGNrfQPBLsOGCsMEg9jzxVHwb4Q03wP4Xt9B0dpntYCzB7hg0jliSSxAA746dBQB5L8OtYPxD8e+Er6X96nhvw8WmY9RdSMYWyPXEeax9bs5re+8aeKrBS174a8TQX6hTgvGEAkX6FTk/SvZfBnw70TwLdavcaIbgvq9x9on891YJyxCJhRhRuOM5PvU1p4F0m0/4SMbridPEcjPexyspUZTYQuFGBj1zQB4v8TLqHxtB4x8SWrifS9F0y3sbKQcq8srpJI49wpVTXvfh3/kV9K/684f8A0AVy1l8I/D2n/DO58EW018unXTl5p/MTz2bcGzu2bf4QPu9B+NdpZWqWNhb2kJYx28SxKWPJCjAz78UATV4l+1P/AMk40j/sNR/+iZa9trxL9qf/AJJxpH/Yaj/9Ey0Ae1S/6l/901558Af+SGeHf92f/wBKJK9Dl/1L/wC6a8d+CeseILX4OaFDp/hZ763VZtlwL+KPf+/kJ+VuRg5H4UAey0jOqDLsFGQMk45Ncv8A8JB4q/6EqT/wZwVwXxs1nxBc/CDWor/wu9hAwh3XBv4pNn75MfKvJ54oA9mor4X8J/F7x94bmit9I1q6u4shVs7ofaFb/ZAbJH/ASK+nPh/488feI1tv+Ei+H0mnwSMBJffaRCFB/i8iT58fQmgD0yiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAorlfE/wARtB8K6nDpd0bu/wBVnXfHp2m2zXFwy/3tq9B9cZ7VH4Y+JWh+J9WfSEiv9K1dI/NOnatatbTlP7wU8EfQ9qAOuooooAKKKzdP8Q6Xquralpun3az3elsiXiKp/dM4JAzjBOAenSgDSooooAKKKKACiua8S+ObDwtexWt7p+r3Tyx+YGsNPkuFAyRglRgHjpWBYfGzw1qYLafYa/cIJDE0kWkysqsOoJA4I7+lAHolFFZug65a+ItLW/sY7iOIu8e24hMb5U4PynnHFAGlRRRQAUVg3/jPRdO8Y6X4XnuS2ramsjQwRjdsVELFn/ughSB6kexreoAKKKKACiiigArzX9oT/khWv/W2/wDSmKvSq81/aE/5IVr/ANbb/wBKYqAOn+HX/JLvCv8A2BrT/wBEpXR1znw6/wCSXeFf+wNaf+iUro6ACiiigDE1TxXY6T4t0Lw9cxXDXeuC4Ns8aqY08lA7bySCMg8YB59K264nxP4e1TUfiz4F1mztvM0/SRqH2ybzFHlebAFT5SctkjHAOO+K7agDmviT/wAkr8V/9ga7/wDRLU74df8AJLvC3/YGtP8A0SlN+JP/ACSvxX/2Brv/ANEtTvh1/wAku8Lf9ga0/wDRKUAdHRRRQAUUUUAFFFFABRRRQAUUUUAFcP8AF3xrqPgHwFJrejw2s1ytxHEEukZkwxweFZTn8a7ivJf2lP8Akj0//X7B/wChUAeso26NWPUgGs3VvEmh6AYxrutafphl/wBWLy6SHf8ATcRmtGL/AFKf7oryH4caRpviXx/8QNT8SWVvqGpQas9jGt3GJPJtVBEYVWzgMB+OKAPWkvbWWyF5FcwvalN4nWQFNvru6Y96ztO8XeG9YvTZ6R4g0u/ugCTBa3scr8dflUk14Mt5oOjaB498O6lDe3Ph5PEMVrpun6fNtMkz7mMCt0ChkyR2x3NWvGtvqNjrngS8v/B+ieFI4/EFrFCLO7WS5KZ+ZTsRV2evJ5x6mgD3TVfEeiaE8Sa3rOn6c03+rW8ukiL/AE3EZrm/h140vvGFx4nW9jtVj0nWZ7C2a2Vh5kSH5WYljkn1GB7Vy/gfSdN8TfFL4g3Xiayt9Qvra8jtIY7yMSeTbbDtCq2doYcnHX8TU3wLsbLS38bWOlYFlb+IZo4QpyFUAAAew6fhQBufEnxfrvhq+8NWHhtNPNxreoiyZ7+J3SPI4OEdTWb4p1z4o+EdAuddnHhTU7OxTzrqCCC4hlMY+9tLSMMgc8/rVH432s97r3gC2tLySxnl1xUjuY1DNESBhgDwSPeud+Jeh6/4fk08+N/Fusa74Iu51h1FYEjt5LckjaXKL88ZPUDB7dcUAezab4o0y/8ACNl4jmuYrGwurZLjzLqRY1jDAHDMeBjOKtaVrela7btPomp2eowqdrSWdwkqg+hKkivHPiHBJd/E3wFoGj6dp9/o0VlJcWWn3lyYrW4dEwvIVt21QpAIIOfc5SfTPEei/EY6va2nhzw/eTaRcrLplhqJeS+Kxs0biLy03FWA59PpQB65J4q8PQ6qdMm17TI79eto15GJR/wDOf0qve6vdSapoZ0bUNFfTrx5PPM8xMs6hfl+z7TtY5657V5R4c8K+F7/APZhuNRvrK0nurjT7i8uNQlVTMbgbzvMh53BuP07nNXw9/x5/BP/ALev/RRoA9ovPFvhzT9SGn3+v6Xa3pIAtpr2NJDnp8pOawPGXxGtPCnijw7ozPZltWuClxLNcBPssQGd5Hv0BOBweteYHw5e6RpfiWW20DQfiB4a1C8uLm4vrW8Vb2IHllLkEFkxkBTnPPGeLGsDw74g1L4RX2laerafdSvAqXkYkkMaKFEbk53BSCOSaAPa9U8R6JokUUutaxp+nRzf6t7u6SIP9CxGamfV9NTSxqT6harYEBhdGZREQTgHfnHJOOteIaPb61rPxj8bXMXh7RdauLGaKzhi1W7Mf2SDadvloI2GGHOeO/qawvEelX2i/B34jWFxPpEVn9utJYdL0y++0DT3a4TehG1dgJAIGB39KAPonTte0jV5riHSdVsr6W2bbOltcJI0R9GCk7TwevpWZ4x8baZ4LsIpb9Z7m7umMdlY2sRkmupB/CoH1HJ4qfwv4T0TwppscGhaZa2RaGNJpIIQjT7RwzkcseTySTzWxJFGzCRkUugIViOVz1waAOR+Fniy/wDG3gODW9WhiguZp5kMUQICBZCoHPcAcmuxrzf4Df8AJKrf/r9uv/RzV6RQAUUUUAFFFFABRRRQAUUUUAFFFFABXm3wZ/1Pjj/scNQ/9kr0mvNvgz/qfHH/AGOGof8AslAHd65b6bd+H9Qt9dMa6ZNbSJeGWXy0EJUh9z5G0bc85GPWl0aDT7XQbC30UxtpsVtGloYpPMUwhQEw2TuG3GDk59axviV/ySrxV/2B7v8A9EtUnw8/5Jh4W/7A9p/6JSgDoqKKKACiiigArlk/5K5N/wBgRP8A0ea6muWT/krk3/YET/0eaAOpooooAK574g3M9l8NfEt1ZzSW9xDpVzJFNE5V42ETEMpHIIPORXQ1zPxK/wCSVeKv+wPd/wDolqAPJ/D3wj8b694Y0vWP+FxeILf+0LOG68nM7eX5iBtuftAzjOM4FaP/AAo3xv8A9Fo8Qf8AfM//AMkV6X8PP+SYeF/+wPaf+iUroqAPEv8AhRvjf/otHiD/AL5n/wDkij/hRvjf/otHiD/vmf8A+SK9S8R+M/DvhGKKTxJq9tp4mJEayt8z464UZJAyOcVc0jXNL1/TF1HRdQt76zYkCaCQMuR1BI6EehoA8h/4Ub43/wCi0eIP++Z//kij/hRvjf8A6LR4g/75n/8AkivQbf4p+BrrWBpdv4o017wvsVBMNrNnGA33Sc9ga6ygDxL/AIUb43/6LR4g/wC+Z/8A5Io/4Ub43/6LR4g/75n/APkivYLfWdOutXu9Lt7uOS+s1RriBT80YYZUn60/UtTs9H02bUNTuEtrSBd0s0hwqD1NAHjn/CjfG/8A0WjxB/3zP/8AJFH/AAo3xv8A9Fo8Qf8AfM//AMkV7ENW08zWkX22AS3ql7aMyANMoXcSo6kAc1boA8S/4Ub43/6LR4g/75n/APkij/hRvjf/AKLR4g/75n/+SK9tooA8S/4Ub43/AOi0eIP++Z//AJIo/wCFG+N/+i0eIP8Avmf/AOSK9tooA8S/4Ub43/6LR4g/75n/APkij/hRvjf/AKLR4g/75n/+SK9tooA8S/4Ub43/AOi0eIP++Z//AJIo/wCFG+N/+i0eIP8Avmf/AOSK9tooA8S/4Ub43/6LR4g/75n/APkij/hRvjf/AKLR4g/75n/+SK9tooA8S/4Ub43/AOi0eIP++Z//AJIo/wCFG+N/+i0eIP8Avmf/AOSK9tooA+fNU8FeMPh94k8IX158Tdc1u3vvENpYy2ksk0aMrMWO7MzBhhcYI5zX0HXm3xh/4+PAP/Y4WP8AJ69JoAK5j4l/8kp8Vf8AYHuv/RTV09Udc0iDX/D+oaPePIlvf20ltK0RAdVdSpKkgjOD3BoAy/h7/wAkx8L/APYHtP8A0StdFXmVv8E4bS1itrT4g+PIIIUEcUUWtBVRQMBQBHgADjAqT/hTf/VR/iB/4PP/ALCgD0mivNv+FN/9VH+IH/g8/wDsKP8AhTf/AFUf4gf+Dz/7CgD0mivNv+FN/wDVR/iB/wCDz/7CuP8Ail4Pk8A+AbzXLb4ieOZLqN444Ip9bJV2ZwCCAoPC7j17UAe80V5bp3wqg1XS7XULP4k/EB7e7hSaJv7c6qwBB+56GrP/AApv/qo/xA/8Hn/2FAHpNFebf8Kb/wCqj/ED/wAHn/2FH/Cm/wDqo/xA/wDB5/8AYUAek14l+1P/AMk40j/sNR/+iZa6T/hTf/VR/iB/4PP/ALCqWqfAHStcgjg1vxn4z1KCOQSJFeaqsyKwBG4BoyM4JGfc0Aepy/6l/wDdNeefAH/khnh3/dn/APSiSvQ5f9S/+6a88+AP/JDPDv8Auz/+lElAHo1ZXiXw5p3i3w/caLrUby2VyV81EcoW2sGAyORyBWrRQBh+HfBXhrwnEE8O6LZ2BxgyRxjzGHu5yx/E1uUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHkvwejF/43+Ims343al/bklnljlo4Y8hFHtjA99or0HU/Dmh6l4j0rWNRt0bU9OMn2GXzSjLuA3cAjdx2ORyfWuP1TwP4m0Hx1f8Ain4d3en/APE2VP7S0rU96xSuvAkR0yVbBPbHJPOcBNP8EeJ/EfjjT/E3xEutPRNILNpulaYXaONz/wAtJHcAs3A6ccDpyCAYGva5JH4g1ePxZ8URodyk7Jp+maDtnMUeAVMq+UXZ/VePY4rKk+IXjLU/gv4O1Kw1WO31zUfEUemSXXkLtmUmVRuQjAyVUnAHTtXR+GvA/jrwX/bGm6D/AMI/PBqN7Lcx6xdPJ9piEnXfGF+dhgEfMBnr7ch4l8Ea74M+GHhLw7Nqdu2oHxrA1pexlpFXeJCjsrAchjkryPc5oA7PVLjxB8N/F/hg3fii+17SdcvRpt3DqEce6OZx8kkZRQVGeqnIxn2xzPguy1PRvE3xVvYvEF9NPpqklpEi/wBIk8iQrI+FGGUjjGB6g12g8JeLvFnizRdR8dnSbWw0Ob7TBZ6bJJJ9puAMCRi4G1R1C8n1plj4A8QWXjrxc4m05/DvilCZ5Nzi6gbymQBVxtIyx6np+RAG3XijWU/ZqXxIl841f+x0uPtW1c+YQMtjGP0rJ1vUvF2vfELwx4c0fxJPpNrf6At7ezQwoz7geWXI4JOB6YJqrc/Dv4l3vwyfwDJeeHU0+GIRRX4ebzJ41YMiFduE6AFueBgA9a7Wy8E6jbfEXRNfkmtTa6foH9mSoHbe0u4HKjbjbx1JB9qAOD1TxrcL48n8H6x44vtI0/QbWFLm/trUG51G4ZQxO4I4QAHpjk569un+FHjS81nW9e8P3upya3b6aY5bDVntjC1zE45VxgDchwM455NWtV8IeJdG+Id74u8CyadOdVgji1LTtRd41kaMYSRHUHDAcYIxjPc8bXg3SfFFrNqGpeMtWiubq+kDRWFoT9mskAwFQsMknufWgDqj0ry34Bf8ihrv/Yw3n/slepVxnwx8H6h4L0LUrLVJraWS71We9Q2zMwCSbcA7lHPHPb3oA4/wT/wmPjHxh4lvLrxhd2mmaJ4intbazht4yJUSTJjc4zt27QO/JNZdh8QfFOo+AfDOn22p7Nb8R6zcWX9pSRKxt4Y5CGKrjBYLgDI9e/NekeAPCV94VbxMdQlt5P7W1661KDyGY7Ypdu0NkDDccgZHua89v/BC+EvAPhqx1nxBZaT4gs9defSb3ZJLbvLI7MIpDtGFZepOBx1NAF/WW8WeCfiR4N0xPF99qukaxdmOeO+iiMoZVGRvVRlTuBx1GOvNexV4Pri+KtQ+NXgGDxTfaNJdwzzTCx0fzGSFAgLSuz8/NwAMAcd+a94oA8SvfBOk+Dfjd8O/7M+0z3V6+pPeX17MZp7llt1ALueuMnAGBya9trkPEnhO+1j4k+DvEFtLbraaF9s+0pIzCR/OiVF2AAg4I5yR+NdfQAUUVka74U0TxK0Da7p8d4bcMIi5Ybc4z0I9BQBr0VyX/CrPBX/QAt/++3/+Ko/4VZ4K/wCgBb/99v8A/FUAdbXmv7Qn/JCtf+tt/wClMVbv/CrPBX/QAt/++3/+KrgPjf4B8L6J8Hda1DStIhtrqE2+yVWYlczxqep9CRQB6T8Ov+SXeFf+wNaf+iUro6808C/DbwhffDvw5d3ehwSzz6VayyuWfLM0Sknr6mt7/hVngr/oAW//AH2//wAVQB1tUdZ/tMaRcHQfsx1BVDQrdA+W5BBKnHIyMjPbOcHGKwP+FWeCv+gBb/8Afb//ABVUdY+Hng3StIuL2Lwmb+SJfktrXe0krE4CgbvU9TwBkngUAU4/ihLfePfCeg2drHbNqbXsWrWl0p+02UsEIdVGGxgk53YIZcEV6PXj3hz4OXmk/EPw74vH2G1lgN02oWcLtthV4dkMUXB37SzbmYjOeOMAew0Ac18Sf+SV+K/+wNd/+iWp3w6/5Jd4W/7A1p/6JSm/En/klfiv/sDXf/olqd8Ov+SXeFv+wNaf+iUoA6OiiigAooooAKKKKACiiigAooooAKw/F3hHSvG+gto+vJK9o0iyERSFGypyORW5RQBwtv8ACXR7a4imTWfEjGJgwV9amZTg5wRnke1Wtd+GWia3rsutRXGp6RqU8flXF1pN61u1wmMAPjg/XGeBzxXYUUAcc/wq8It4L/4RdNM8vTvOFxlJWEvnD/lr5md2/wB/TjpxVN/g94cuZra51W61jVby0lSW3u7/AFB5ZIdhyAuflAyATxz3rvaKAOS8QfDbRtf106z9o1LS9SeLyZrnS7xrd54+gV8dR79enPFXPCHgfRPA1ndWvh2CSGG6n8+RZJWk+bAHBPPQV0NFAGNrnhXTPEWoaTeakkjTaRdC7tSjlQJB0JHce1W9Z0ex8QaLdaVq0C3FndxmKWM9wfQ9j3B7Gr1FAHHXPwv8OXfhbTtCuFvGh0pt1hci5Zbi1PbZIMEY6Y6cD0FS+H/h7pXhnULrVrWW91PWZ4vK+36tdNcShOoQMfurnsBXWUUAfOOoaDaXeg6lZv8ADjxRaa/dtIv9mWjTHSjcHOyfduEe0HDemRjHevWPDPw8s7Dw74Qj1cF9R8OQfumikOwSOmH/AN4dcV21FAHCXvwh8PXV1eyWt1rGm2+oyGW9sbDUHht7hj94sg9e+MVe1z4Z+G9d0XStLe3msYdHINg9jO0Mlvxj5WHPPfOSTz1rraKAOO1n4ZaJrGpx6nHdappeprALd7/Tb54JpowMAOw+99Tz78ClHwt8Lr4HuvCi2ko0+9kWa6fzmM08gdX3vIeSSVFdhRQAABVAHQcCgjIxRRQBk+GvDWneE9FXStHSRLVZHkAkfcdzsWPP1Na1FFABRRRQAUUUUAFFFFABRRRQAUUUUAFebfBn/U+OP+xw1D/2SvSa82+DP+p8cf8AY4ah/wCyUAdt4lvbHTfCuq32sW32vT7azllurfy1fzYlQll2tw2QCMHg07w7eWWoeF9LvdJt/sthc2cMttBsVPKiZAUXavAwCBgcDHFZ/wAQbae9+GviW1s4JLi4m0q5jihiQs8jGJgFUDkknjAp/gS3ns/h14btruGSCeHSrWOWKVSrRsIlBUg8ggjBBoA3qKKKACiiigArlk/5K5N/2BE/9Hmuprlk/wCSuTf9gRP/AEeaAOpooooAK5n4lf8AJKvFX/YHu/8A0S1dNXM/Er/klXir/sD3f/olqAJPh5/yTDwv/wBge0/9EpXRVzvw8/5Jh4X/AOwPaf8AolK6KgDlNZ0HTtJ1+58cJpV9rGrx2q2sdvb7XbZvH+rViADkkk56Z+lcB8MLG28VQ/EGyvZJtFuNXvCt1o8GY59PQqV3fMuNzgkkgEdK67XZ/HGg+Ozqml2UniLw5c2wjk06GaKKa0lH8a78b1OBkZzyfSsLStC8aW174v8AHY0eKDX9Wtkg03RvtKN5aoAFaVyQpbgHGexGeaAKvxQstE0v4d2Pw18O2Ed/q14scGn2aqDJFtI3XDkD5eASW4ySe2a9Ns7+y0jTrSw1TV7Y3dvBHHK006q7sFALEE9+v415N4FsPGvhFZ76++G15q3iC+O6+1a41y08yU/3V+b5UHGFHp9K9JuvA/hnxHJHqniLwtp8mpTxIZvtEKSuh2j5S/Q46ZHHFAHncaeJ7v8AaC8W23hO7srBJLOze5vrq3M+wBPlVUDKCWJPJPABq1N8R9bg8G+N7DXrXT5PEPhdV3kRE291G43RvsJyMjqM9xViSw8YeFfi7r3iDSfCzatod/a20CrBdxRy5RMBlVm6A5BBx1BGcGqE3gDxNqnhLx5q+o2EcfiDxSiLDpsc6HyI41CohckLux1OccUAUdVHiC9+PPgm4tr7T4GuNJeW2Q2jFYk8oGRTh+STuwRjGRwcV7rXk+veHvE+neOPBHiLSdCOrJpmntZXlvHdRxPEzoF3ZY4IGT09K9YoAKKKKACiiigAooooAKKKKACiiigAooooA82+MP8Ax8eAf+xwsf5PXpNebfGH/j48A/8AY4WP8nr0mgAooooAKKKKACiiigAr5l/at8T+bf6N4Ygf5YVN7cKD/Econ5AP+Yr6arxn4w/CTw3qdhrHi68a+fVCkZH7/wDdrjagAXHTH60AXf2cfE/9vfCqGxmfdc6RK1swJ5KH5kP0wSv/AAGvWa43wJ8LtA+HU15J4ce9AvFVZknn3qducHGBzyfzrsqACiiigAooooAZL/qX/wB01558Af8Akhnh3/dn/wDSiSvQ5f8AUv8A7przz4A/8kM8O/7s/wD6USUAejUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFU9R0nT9WFsNTs4boWs63MHmoG8qVc7XX0YZOD71cooAKKKKACiiigAooooAKKKKACqWraPp2vabJp+tWMF9aSY3wzoGU46HB7+9XaKAMLQPBHhnwtNJL4e0Oy0+WUbXkhiAcj03dce1btFFABRRRQAUUUUAFFFFABXmv7Qn/ACQrX/rbf+lMVelV5r+0J/yQrX/rbf8ApTFQB0/w6/5Jd4V/7A1p/wCiUro65z4df8ku8K/9ga0/9EpXR0AFFFFAHE+J/EOqad8WfAujWdz5en6sNQ+2Q+Wp83yoAyfMRkYJzwRnvmu2rE1TwpY6t4t0LxDcy3C3ehi4FskbKI385AjbwQScAcYI59a26AOa+JP/ACSvxX/2Brv/ANEtTvh1/wAku8Lf9ga0/wDRKU34k/8AJK/Ff/YGu/8A0S1YPgPx94Os/hz4btrvxZocFxDpNrHLFLqUKtGwhUFSC2QQRgg0Aeh0Vzf/AAsfwR/0OXh//wAGkH/xVH/Cx/BH/Q5eH/8AwaQf/FUAdJRXN/8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VQB0lFc3/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVAHSUVzf/AAsfwR/0OXh//wAGkH/xVH/Cx/BH/Q5eH/8AwaQf/FUAdJRXN/8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VQB0lFc3/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVAHSUVzf/AAsfwR/0OXh//wAGkH/xVH/Cx/BH/Q5eH/8AwaQf/FUAdJRXN/8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VQB0lFc3/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVAHSUVzf/AAsfwR/0OXh//wAGkH/xVH/Cx/BH/Q5eH/8AwaQf/FUAdJRXN/8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VQB0lFc3/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVAHSUVzf/AAsfwR/0OXh//wAGkH/xVH/Cx/BH/Q5eH/8AwaQf/FUAdJRXN/8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VQB0lFc3/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVAHSUVzf/AAsfwR/0OXh//wAGkH/xVH/Cx/BH/Q5eH/8AwaQf/FUAdJRXN/8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VQB0lFc3/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVAHSUVzf/AAsfwR/0OXh//wAGkH/xVH/Cx/BH/Q5eH/8AwaQf/FUAdJRXN/8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VQB0lFc3/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVAHSV5t8Gf9T44/7HDUP/AGSul/4WP4I/6HLw/wD+DSD/AOKrlvgjcQ3mn+M7m0mjngm8W38kUsTBlkU+WQwI4IIOQRQB3XiXWP8AhHvCuq615H2j+zrOW68nfs8zYhbbuwcZxjODTvDurf294X0vWPJ+z/2hZw3Xk793l+YgbbnAzjOM4FU/G+nXWsfD/wAQabp0XnXd5ptxBBHuC73aNlUZJAGSRyTiua8L6N8RtL8IaPYNqPhy2NrYwQmCbTZpHj2xqu1nW4CsRjBIGD1FAHoVFcl9k+Iv/QZ8L/8AgouP/kmj7J8Rf+gz4X/8FFx/8k0AdbRXJfZPiL/0GfC//gouP/kmj7J8Rf8AoM+F/wDwUXH/AMk0AdbXLJ/yVyb/ALAif+jzUf2T4i/9Bnwv/wCCi4/+Sazx4d8fDxG2tDXPDf2hrUWpX+yp9m0OWzj7RnOT6/hQB3tQX99b6Zp1xfX0ohtrWJpppCCdiKMk4HPAFcz9k+Iv/QZ8L/8AgouP/kmsLxvbePV8Aa+b3VvDj2w024Mqw6XOrsnltkKTcEA46Eg/SgDt9E8SaL4ktftGgaraajFjk20yvt+oHIPsazPiV/ySrxV/2B7v/wBEtXw74X0bxNquqIfCFnqM95GeJLBXDR+5dfu/UkV9BLo/xmsPhZ4iPi/WNOfThpNz5lvfD7RchPKbIDpgbsdCzNg9qAPZPh5/yTDwv/2B7T/0SldFXO/Dz/kmHhf/ALA9p/6JSuioAZNPFbQvNcSpFEgyzyMFVR6knpVLTtf0fWHdNJ1axvmj++trcpIV+u0nFeX+IbVPiF8ek8K6wWl0HQtPF9NZbiEuZ2YBd4/iADDj6+prf8QfCDQ7ubTr/wAJQ2vhbVtPuElivdPtVTco+8jopUOCOOf5ZBAPQaK4HV/Hms3Pji48J+CNItdQvrCFJtQur64MMFvvGUT5VZixHP8Ajzipb/FW5Tw/4qOr6Ktl4g8MQmW5sBPujmUruR0kx91gPTIyKAPSaK4rxR4+k8O/CNfGaaek8jW1rP8AZTKVH75kGN2O2/05xWfrnxD16H4jnwb4Z8PW1/dtp63ouLm8MUcSliDvAUnHAHHdhQB6LQCD0OfpXk8/j/xBrXg/xvpc2jQWHiLQIdlxGt43lGOSMsJUfbnO0EgY9ORnjO8F+Or7wl8E/DhvNKS9v79ks9HtLa4y12zE4LkqPLwc56jpzzQB7TRXn9t458QaP4q0vRvHei2NlHrDGKyvdOu2mjEwGfKcMqkE9iOM/pQ034j+LPEPjTVdI0Dwray2Wj6h9lu7ye+2ZTdjKrt+9gMSOe3rQB6fUTXVut2tq08YuHUusJcb2UdSB1IGRz7029+1fYJ/7O8n7X5beR5+fL34+XdjnGcZxzXjnhzRNZ0j9oq2k8S60dX1K80GWaV0j8uKH96AI417KMd+ScnvQB7VRRRQAUUUUAFFFFABRRRQB5t8Yf8Aj48A/wDY4WP8nr0mvNvjD/x8eAf+xwsf5PXpNABRRRQAUUUUAFFFFABXJfFL/kmmr/8AXNf/AENa62uS+KX/ACTTV/8Armv/AKGtAHW0UVm674h0jwxpjahr+oQWFqpx5kzYyfQDqT7DmgDSoriNI+MXgTW9ShsLHXlFxcECBbi3lgEuem1pFUHOcda7egAooooAZL/qX/3TXnnwB/5IZ4d/3Z//AEokr0OX/Uv/ALprzz4A/wDJDPDv+7P/AOlElAHo1FFFABRVS41WwtNQtbG5vIYru8LC3gZwHl2gs21epwBk1boAKKKqanqlhoumzX+rXcNnaQjMk07hVUfU0AW6K4Sw+NXw/wBSvo7S38Qxq8x2xPPbywxyHOMB3QKfzruwQQCDkHoRQAUUVUs9UsNRmuorC7huXtJPJuBE4bynxna2Oh9qALdFFZmm+ItK1jU9S0/TbxLi60uRY7xEU/umYEgZxgng9Ccd6ANOiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK81/aE/wCSFa/9bb/0pir0qvNf2hP+SFa/9bb/ANKYqAOn+HX/ACS7wr/2BrT/ANEpXR1znw6/5Jd4V/7A1p/6JSujoAKKKKAPNvGv/Jd/hl9NV/8ASZa9JrE1Sw8PXHi3QrzVXtxrdqLj+ylkuSkjbkAm2R7hv+XGeDgc8Vt0AVtS0611fSrvTdRi860vIXgnj3Fd6OpVhkEEZBPIOa8//wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMcrrvCvg/QvBOlSab4YsfsNpJMZ3j855MuQFJy7E9FHGccVt0UAYXjfUbrR/h/4g1LTpfJu7PTbieCTaG2OsbMpwQQcEDgjFP8ABuoXOq+BNB1G/k826u9Nt555NoXe7xKzHAwBkk8Dip/Euj/8JD4V1XRfP+z/ANo2ctr52zf5e9Cu7bkZxnOMineHdJ/sHwvpej+d9o/s+zhtfO2bfM8tAu7GTjOM4yaANGiiigAooooAKKKKACorm2gvLWW2u4UngmQxyRSKGV1IwQQeoIqWigCG0s7WwtUtrC2htoEGEihjCKv0A4Fc/wDEr/klXir/ALA93/6JaumrmfiV/wAkq8Vf9ge7/wDRLUASfDz/AJJh4X/7A9p/6JSuirnfh5/yTDwv/wBge0/9EpXRUAeW+MdN1vwp8UrXx9oOlXOtWU9kbDVbGzG6cIG3LIi/xHOOPb3JEWteN/EvjZrTRfh5pGtaRJLMj3ms6lYmCO1iByQocHexxjGP55Hq9FAHka/b/hv8XPEWs3+k6lqWieJIrd1vdPtjO1vNEhUq6JyAck5xjkD1xmReGtf8YR/EXxJ/ZFxp39u6aLLS7K7GyaUJHjcyn7u4gYB9fbNe30UAfO/i/wAQa34l+Btv4S0zwb4j/tO3gtYb9X05wsflMgJU4y+WUEBecZJxg16Lp2l3yftBX+pSWNwtk3h2KFLpoWEZkE2SgfGN2OcZzXodFAHk8Gg6rN42+LZXT7lY9UsrWOyleJlS4YWrKQjEYbDHBx0NcSfD2o+IPhT4SZ/C2rTz+EbtV1DSrq3eCS6iP3zDyCxAxjHP8j9HUUAeI6Po/hzWPGujr4V+Hl/FBazLc3eo6wtzbi1KkFRGrt875Hpjp2rrfhhpl7p+seNpL6yuLVbrXpZYGmiZPOj2jDKSPmXryOK9BooAK8/u9Nvm/aFsNRWyuDYpoEkLXQibylcy5Cl8Y3Y5xnNegUUAFFFFABRRRQAUUUUAFFFFAHm3xh/4+PAP/Y4WP8nr0mvNvjD/AMfHgH/scLH+T16TQAUUUUAFFFFABRRRQAVyXxS/5Jpq/wD1zX/0Na62uS+KX/JNNX/65r/6GtAHW15He2sPir9ppLLWUjuLLQNHF1a20nzKZmcDzNp4JAI+m0GvXK8+8beC9bk8XWHjXwPPbJrdnCbae0uyVivYCc7Cw6MCTg/TpigCp8UvEPgW80+88N+NV1FUjCytcW+nyv5BwGDpKEKgj/EGqHin4mC0u/DPh7wzrmn6THqlgt4+t60wxDbbfkYK5UNI2D94jp75DvEM3xO8caBdeHG8FWHh+C+hMNzf3mrJcKqHhtiRjdnHTP40ms/DbVNF1Dwtrfh6ztPEFxoumJpV5Y3RWL7XCq8MhbKqwbJwfXr6gB4c+JF2njO68MXniPSfE6y2El5Y6npxjBDJkmKREYrnAyCO36YmleKfidrHwkk8fLrul2sdtbzXA07+zd32iOIncWkLZUna2Ao6Ac8112haT4q1LW77UNT0LTvDWmizaC20yMQTTyykEeY0qDCjBxtB/wDrpong3WbH9nWXwlcQINXbSbq2EQlUr5j+ZtG7p/EOaAMrxT8V7r7H4TsNMvNM0O78R2IvbjUNSceTYxFAxwCQGYkkAE4yPfI5X4A+Pp7Gy0TwheXVhdW95aXE1mLdx51pIkkjNFKuf4hlweOD6V02qfDvXLPT/BeuaZp9nqOq6DpaWN9pdzIoW4TywCFcgqGVs4zwc9fXK/Z90rxDdeF9I1CaDT7LQ7e2njg2xI9xeytLJly+3dGq5K4zk7fQ0Aanw08Q/Enxh4Zg8WXl/p8tntmWPSorUI12yhgp80n5MvgemBWZ4i8c+MPDHhs61qfjvw2usRkPL4ZWCJsZIzGHEhcsAc56Z7966bwr4G8Q6d+zz/wiTyrp2uNa3ESusuQjPI7L865xkMOR0zXITeA/FVx8L28K6R8PdJ0S/FqsVzqj3cDNdFcZKbQW3Pjq5AGaALfi1db1T46eALuz1aCzN7Z3EtqGsvM+yjyAXB+ceZu5weMe9XZ/iXeeIvFeuWlj430Dwfp+kXDWkX28RST3kq5DMRI6gRg8Ajr6+lvX/C3i631rwB4i0jR4tWutCsWt72xe8SBtzxKhIc5UgHcePQY61HB4S8QeB/EeuvpHg+y8WaXq9219CDcwwzWsr8ujeaMFM9MdPSgDp/hZ45l8b6Dem+a1e/0y8ezuJrJ90E+37ssZ5+Vh0+lc38QYI/E3xx8GeFtUUy6SkU2oy2zDMc8iKdgYdwNvQ8YYjvXaeAdK13TNDlbxSbFb+6naX7PYQIkdshPyx5UDeQP4j+vU53xD8E6hr95pHiDwvdQWniLQ5Ge1a4B8qZGGHifHIBHf6+tAHQ+J/Dmm+JvDF3o+qW0ctrNEVAKj92ccMvoR2Irx3wD8QNci+G3w+QSq5vdaGlXDypuLwjdjB7EAAZ9q6rVNS+KfiXSpNGtvCNn4dkuUMU+qz6pHOkSngmONBuJIzjPSofEXwy1DR/A3hSx8DJHeXXhjUI71YbmQR/ayNxf5jwpLNnngDjtQBv8AizxLq2nfErwj4f02aKG31qO+893i3kNFEGQjkdCeR3rkfgTaatFrPjV7zVIbiCPXbqOaJbTYZZ94zKG3Hap5+TB69eKuR6P448S/Fzwv4n1vw/b6Npmlx3MbW/29J5ULxkbm2/KdxwAFzjBzitD4deH/ABJ4V8Y+KbXUdJibSNU1KfUoNTS7U8u2RGYsbs4PXpxQB2niTR7nXtDl0601a60lpioe6tMeaEz8wUn7pI4z2zXnXwc0Oy8N+NvH+kaYsgtbW7tVTzJC7HMRJJY8kkkn8a9arivB3hvUtH8d+NNTv4lS11a6t5LRg4YuqR7WJA6c+tAHa0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXmv7Qn/JCtf+tt/6UxV6VXmv7Qn/ACQrX/rbf+lMVAHT/Dr/AJJd4V/7A1p/6JSujrnPh1/yS7wr/wBga0/9EpXR0AFFFFAHm3jX/ku/wy+mq/8ApMtek1yPivxX4V8N+LfDkPieK3hu7wXP2HU7lYljs9iL5mZXIMe8FV+XqeDV628feD726itbPxXodxcTOI4oYtRhZ5GJwFUBskk8ACgDoKKzdX8SaH4f8n+3tZ0/TPP3eV9tukh8zGM7dxGcZGceoqPSvFnh3XrprbQ9f0vUrhEMjRWd5HMyqCBuIUk4yQM+4oA1qKxNQ8a+FdJvpLLVfE2j2N3FjzLe5v4o5EyARlWYEZBB+hqzpHiPRPEHnf2DrOn6n5G3zfsV0k3l5zjdtJxnBxn0NAGlRXP3Pj7wdZ3Uttd+LNDguIXMcsUupQq0bA4KkFsggjBBrSg1vSrrRjq9tqdnNpgRpDex3CtCFXO5t4O3AwcnPGDQBeorm/8AhY/gj/ocvD//AINIP/iq1rjW9KtNGGr3Wp2cGmsiSC9kuFWEq2NrbyduDkYOecigC9RXN/8ACxvBH/Q5eH//AAaQf/FVpav4k0Pw/wCT/b2s6fpnn7vK+23SQ+ZjGdu4jOMjOPUUAaVFYmneNfC2r30dlpPiXR767lz5dvbX8Ukj4BJwqsScAE/QVJqvi3w5oV0trrmv6XptwyCRYby9jhcqSQGAYg4yCM+xoA16KydK8WeHdeumttD1/S9SnRDI0VneRzMqggbiFJOMkDPuKq3Pj7wdZ3Uttd+LNDgnhcxyxS6lCrRsDgqQWyCCMEGgDoKKo6Vrela7aNdaJqdnqVujmNprO4WVFYAEqSpIzgg49xWT/wALH8Ef9Dl4f/8ABpB/8VQB0lFUYNb0q60Y6vbanZzaYEaQ3sdwrQhVzubeDtwMHJzxg1k/8LG8Ef8AQ5eH/wDwaQf/ABVAHSUVR1XW9K0G1W51zU7PTYHcRrLeXCwqzYJ2gsQM4BOPY1m23j7wfe3UVrZ+K9DuLiZxHFDFqMLPIxOAqgNkknjAoA6Cis3V/Emh+H/J/t7WdP0zz93lfbbpIfMxjO3cRnGRnHqKj0rxZ4d166a20PX9L1KdEMjRWd5HMyrkDcQpJxkgZ9xQBrUViah418K6TfSWWq+JtHsruLHmW9zfxRyJkAjKswIyCD9DVnSPEeieIPO/sHWdP1PyNvm/YrpJvLznG7aTjODjPoaANKiufuPH3g6zupba78WaHBPC5jlil1KFWjYHBUgtkEEYINaUGt6VdaMdXttTs5tMCNIb2O4VoQq53NvB24GDk54waAL1Fc3/AMLH8Ef9Dl4f/wDBpB/8VWtca3pVpo41e71Ozg01kSQXslwqwlWxtbeTtwcjBzzkUAXqK5+28feD726itbPxXodxcTOI4oYtRhZ5GJwFUBskk8YFXtX8SaH4f8n+3tZ0/TPPz5X226SHzMYzt3EZxkZx6igDSorE07xr4W1e+jstJ8S6PfXcufLt7a/ikkfAJOFViTgAn6CpNV8W+HNCultdc1/S9NuGQSLDeXscLlSSAwDEHGQRn2NAGvRWTpXizw7r101toev6XqU6IZGis7yOZlXIG4hSTjJAz7iqtx4+8HWd1LbXfizQ4J4XMcsUupQq0bA4KkFsggjBBoA6CiqOla3pWu2jXWianZ6jbo5jaa0uFlRWABKllJGcEHHuKyf+Fj+CP+hy8P8A/g0g/wDiqAOkorNPiPQxoX9tnWdP/sn/AJ//ALUnkfe2/wCszt+98vXrxWb/AMLG8EHp4y8P/wDg0g/+KoA6SiqOq63pWg2q3OuanZ6bA7iNZby4WFWbBO0FiBnAJx7Gs228feD726itbPxXodxcTOI4oYtRhZ5GJwFUBskk8YFAHQUVm6v4k0Pw/wCT/b2s6fpnn58r7bdJD5mMZ27iM4yM49RUeleLPDuvXTW2h6/pepTonmNFZ3kczKuQNxCknGSBn3FAGtRWJqHjbwrpN9JZar4m0eyu4seZb3N/FHImQCMqzAjIIP0NWdI8R6J4g87+wdZ0/U/Ix5v2K6Sby85xu2k4zg4z6GgDSorn7jx94Os7qW2u/FmhwTwuY5YpdShVo2BwVILZBBGCDWlBrelXOjHV7bU7ObTAjSG9juFaEKudzbwduBg5OeMGgDM+INzPZfDXxLdWc0lvcQ6VcyRTROVeNhExDKRyCDzkU/wJcT3nw68N3N3NJPPNpVrJLLKxZpGMSksSeSSTkk1l634w8A+INA1DR7vxpoaW+oW0ltK0WqwBwrqVJUliM4PGQa6XRtLh0PQbDSbRpHgsLaO2iaUgsVRQoJIAGcDnAFAF2iiigAooooAKKKKACiiigArmfiV/ySrxV/2B7v8A9EtXTVzPxK/5JV4q/wCwPd/+iWoAk+Hn/JMPC/8A2B7T/wBEpXRVzvw8/wCSYeF/+wPaf+iUroqACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDzb4w/8fHgH/scLH+T16TXmHxtjmmh8ERWlx9mnfxZZrHNsD+WxEmG2ng4POK6L/hHfGP8A0PP/AJSIf8aAOtorkv8AhHfGP/Q8/wDlIh/xo/4R3xj/ANDz/wCUiH/GgDraK5L/AIR3xj/0PP8A5SIf8aP+Ed8Y/wDQ8/8AlIh/xoA62iuS/wCEd8Y/9Dz/AOUiH/Gj/hHfGP8A0PP/AJSIf8aAOtrkvil/yTTV/wDrmv8A6GtH/CO+Mf8Aoef/ACkQ/wCNUtW8EeJdc0ubTtS8amW2nAEiDSolzg56g57UAd1RXJf8I74x/wCh5/8AKRD/AI0f8I74x/6Hn/ykQ/40AdbRXJf8I74x/wCh5/8AKRD/AI0f8I74x/6Hn/ykQ/40AdbRXJf8I74x/wCh5/8AKRD/AI0f8I74x/6Hn/ykQ/40AdVL/qX/AN01558Af+SGeHf92f8A9KJK1pPD3jDynz45yNp/5hEP+NcP8FNF8S3Xwe0ObTfFn2C2ZZtlt/Zscuz9/ID8xOTk5P40Ae0Vz/inxx4f8F/Yz4mvvsMd7IY4pWjZl3AZwSoOPqeKpf8ACO+Mf+h5/wDKRD/jXif7SOj6/b6PoSanrja0Zbp1iiSxSIq23ttyT9KAPozS9Z0zXLMXWjaha39uekttMsi/mDV2vi/wN8HPife3kV9o1vdeHRxi8uZ2tWA/3R85/wC+cV9QeCPDni/Q1H/CWeMv7eTytog+wJFsbI58wHc3fr60AdhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXmv7Qn/JCtf8Arbf+lMVelV5r+0J/yQrX/rbf+lMVAHT/AA6/5Jd4V/7A1p/6JSujrnPh1/yS7wr/ANga0/8ARKV0dABRRRQBm6v4b0PxB5P9vaNp+p+Ru8r7bapN5ecZ27gcZwM49BVG28A+D7K6iurPwpodvcQuJIpotNhV42ByGUhcgg8giugooAzdX8N6H4g8n+3tG0/U/I3eV9ttUm8vOM7dwOM4GcegqPSvCfh3QbprnQ9A0vTbh0MbS2dlHCzKSDtJUA4yAcewrWooAxNQ8FeFdWvpL3VfDOj313LjzLi5sIpJHwABlmUk4AA+gqzpHhzRPD/nf2Do2n6Z5+3zfsVqkPmYzjdtAzjJxn1NaVFAHP3PgHwdeXUtzd+E9DnuJnMkssumws0jE5LElckknJJrSg0XSrXRjpFtplnDphRozZR26rCVbO5dgG3BycjHOTV6igDm/wDhXHgj/oTfD/8A4K4P/ia1rjRdKu9GGkXWmWc+mqiRiykt1aEKuNq7CNuBgYGOMCr1FAHN/wDCufBH/Qm+H/8AwVwf/E1pav4b0PxB5P8Ab2jafqfkbvK+22qTeXnGdu4HGcDOPQVpUUAYmneCvC2kX0d7pPhrR7G7iz5dxbWEUciZBBwyqCMgkfQ1JqvhPw5rt0t1rmgaXqVwqCNZryyjmcKCSFBYE4ySce5rXooAydK8J+HdBumudD0DS9NndDG0tnZxwsykg7SVAOMgHHsKq3PgHwdeXUtzd+E9DnnmcySyy6bCzSMTksSVySSckmugooAo6VoulaFaNa6Jplnptu7mRobO3WJGYgAsQoAzgAZ9hWT/AMK48Ef9Cb4f/wDBXB/8TXSUUAUYNE0q10Y6RbaZZw6YUaM2UduqwlWzuXYBtwcnIxzk1k/8K58Ef9Cb4f8A/BXB/wDE10lFAFHVdE0rXrVbbXNMs9SgRxIsV5brMqtgjcAwIzgkZ9zWbbeAfB9ldRXVn4U0O3uIXEkU0WnQq8bA5DKQuQQeciugooAzdX8N6H4g8n+3tG0/U/I3eV9ttUm8vOM7dwOM4GcegqPSvCfh3QbprnQ9A0vTZ3QxtLZ2ccLMuQdpKgHGQDj2Fa1FAGJqHgrwrq19Je6r4Z0e9u5ceZcXNhFJI+AAMsyknAAH0FWdI8OaJ4f87+wdG0/TPP2+b9itUh8zGcbtoGcZOM+prSooA5+48A+Dry6lubvwnoc88zmSWWXTYWaRicliSuSSTkk1pQaLpVrox0i20yzh0wo0Zso7dVhKtncuwDbg5ORjnJq9RQBzf/CuPBH/AEJvh/8A8FcH/wATWtcaLpV3o40i70yzn01USMWUlurQhVxtXYRtwMDAxxgVeooA5+28BeD7K6iurPwpodvcQuJIpotOhV42ByGUhcgg85FXtX8N6H4g8n+3tG0/U/Iz5X221Sby84zt3A4zgZx6CtKigDE07wV4W0i+jvdJ8NaPY3cWfLuLawijkTIIOGVQRkEj6GpNV8JeHNdulutc0DS9SuFQRrNeWUczhQSQoLAnGSTj3Na9FAGTpXhPw7oN01zoegaXps7oY2ls7OOFmXIO0lQDjIBx7Cqtx4B8HXl1Lc3fhPQ555nMkssumws0jE5LElckknJJroKKAKOlaLpWhWjWuiaZZ6dbu5kaG0t1iRmIALFVAGcADPsKyf8AhXHgj/oTfD//AIK4P/ia6SigDNPhzQzoX9iHRtP/ALJ/58PsqeR97d/q8bfvfN0681m/8K58EDp4N8P/APgrg/8Aia6SigCjquiaVr1qttrmmWepQI4kWK8t1mVWwRuAYEZwSM+5rNtvAXg+yuorqz8KaHb3ELiSKaLToVeNgchlIXIIPORXQUUAZur+G9D8QeT/AG9o2n6n5GfK+22qTeXnGdu4HGcDOPQVHpXhPw7oN01zoegaXps7p5bS2dnHCzLkHaSoBxkA49hWtRQBiah4K8K6tfSXuq+GdHvbuXHmXFzYRSSPgADLMpJwAB9BVnSPDmieH/O/sHRtP0zz8eb9itUh8zGcbtoGcZOM+prSooA5+48A+Dry6lubvwnoc88zmSWWXTYWaRicliSuSSTkk1pQaLpVtox0i20yzh0wo0Zso7dVhKtncuwDbg5ORjnJq9RQBzf/AArjwR/0Jvh//wAFcH/xNdBb28NnaxW1pDHBBCgjiiiUKsagYCgDgAAYAFSUUAFFFFABRRRQAUUUUAFFFFABWF440661j4f+INN06Lzru8024ggj3Bd7tGyqMkgDJI5JxW7RQB5L4e8QfE7QfDGl6P8A8Kp+0f2fZw2vnf8ACR2y+Z5aBd2MHGcZxk1o/wDCbfE7/okf/ly23/xNek0UAebf8Jt8Tv8Aokf/AJctt/8AE0f8Jt8Tv+iR/wDly23/AMTXpNFAHm3/AAm3xO/6JH/5ctt/8TR/wm3xO/6JH/5ctt/8TXpNFAHm3/CbfE7/AKJH/wCXLbf/ABNH/CbfE7/okf8A5ctt/wDE16TRQB5t/wAJt8Tv+iR/+XLbf/E0f8Jt8Tv+iR/+XLbf/E16TRQB5t/wm3xO/wCiR/8Aly23/wATR/wm3xO/6JH/AOXLbf8AxNek0UAebf8ACbfE7/okf/ly23/xNH/CbfE7/okf/ly23/xNek0UAebf8Jt8Tv8Aokf/AJctt/8AE0f8Jt8Tv+iR/wDly23/AMTXpNFAHm3/AAm3xO/6JH/5ctt/8TR/wm3xO/6JH/5ctt/8TXpNFAHm3/CbfE7/AKJH/wCXLbf/ABNH/CbfE7/okf8A5ctt/wDE16TRQB5t/wAJt8Tv+iR/+XLbf/E0f8Jt8Tv+iR/+XLbf/E16TRQB45rx+InjbWfC0Wo/D3+xbTS9etdRnuv7bt7jCRkhhsGD0YnjJ46c17HRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAMl/1L/7przz4A/8AJDPDv+7P/wClElehy/6l/wDdNeefAH/khnh3/dn/APSiSgD0ammNGkV2RS6Z2sRyueuKdRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFc18QvCH/CeeBdQ8OfbvsH2zy/9I8nzdmyRX+7uXOduOveulooA8NtvgJ4xs7WK2tPjFrkFvCgjiiijmVI1AwFAFxgAAYAFS/8ACjfG/wD0WjxB/wB8z/8AyRXttFAHiX/CjfG//RaPEH/fM/8A8kUf8KN8b/8ARaPEH/fM/wD8kV7bRQB4l/wo3xv/ANFo8Qf98z//ACRR/wAKN8b/APRaPEH/AHzP/wDJFe20UAeJf8KN8b/9Fo8Qf98z/wDyRR/wo3xv/wBFo8Qf98z/APyRXttFAHiX/CjfG/8A0WjxB/3zP/8AJFH/AAo3xv8A9Fo8Qf8AfM//AMkV7bRQB4l/wo3xv/0WjxB/3zP/APJFH/CjfG//AEWjxB/3zP8A/JFe20UAeJf8KN8b/wDRaPEH/fM//wAkUf8ACjfG/wD0WjxB/wB8z/8AyRXttFAHiX/CjfG//RaPEH/fM/8A8kUf8KN8b/8ARaPEH/fM/wD8kV7bRQB4l/wo3xv/ANFo8Qf98z//ACRR/wAKN8b/APRaPEH/AHzP/wDJFe20UAeJf8KN8b/9Fo8Qf98z/wDyRR/wo3xv/wBFo8Qf98z/APyRXttFAHiX/CjfG/8A0WjxB/3zP/8AJFH/AAo3xv8A9Fo8Qf8AfM//AMkV7bRQB4l/wo3xv/0WjxB/3zP/APJFH/CjfG//AEWjxB/3zP8A/JFe20UAeJf8KN8b/wDRaPEH/fM//wAkUf8ACjfG/wD0WjxB/wB8z/8AyRXttFAHiX/CjfG//RaPEH/fM/8A8kUf8KN8b/8ARaPEH/fM/wD8kV7bRQB4l/wo3xv/ANFo8Qf98z//ACRR/wAKN8b/APRaPEH/AHzP/wDJFe20UAeJf8KN8b/9Fo8Qf98z/wDyRR/wo3xv/wBFo8Qf98z/APyRXttFAHiX/CjfG/8A0WjxB/3zP/8AJFH/AAo3xv8A9Fo8Qf8AfM//AMkV7bRQB4l/wo3xv/0WjxB/3zP/APJFH/CjfG//AEWjxB/3zP8A/JFe20UAeJf8KN8b/wDRaPEH/fM//wAkUf8ACjfG/wD0WjxB/wB8z/8AyRXttFAHiX/CjfG//RaPEH/fM/8A8kUf8KN8b/8ARaPEH/fM/wD8kV7bRQB4l/wo3xv/ANFo8Qf98z//ACRR/wAKN8b/APRaPEH/AHzP/wDJFe20UAeJf8KN8b/9Fo8Qf98z/wDyRR/wo3xv/wBFo8Qf98z/APyRXttFAHiX/CjfG/8A0WjxB/3zP/8AJFH/AAo3xv8A9Fo8Qf8AfM//AMkV7bRQB4l/wo3xv/0WjxB/3zP/APJFH/CjfG//AEWjxB/3zP8A/JFe20UAeJf8KN8b/wDRaPEH/fM//wAkUf8ACjfG/wD0WjxB/wB8z/8AyRXttFAHiX/CjfG//RaPEH/fM/8A8kUf8KN8b/8ARaPEH/fM/wD8kV7bRQB4l/wo3xv/ANFo8Qf98z//ACRR/wAKN8b/APRaPEH/AHzP/wDJFe20UAeJf8KN8b/9Fo8Qf98z/wDyRR/wo3xv/wBFo8Qf98z/APyRXttFAHiX/CjfG/8A0WjxB/3zP/8AJFH/AAo3xv8A9Fo8Qf8AfM//AMkV7bRQB4l/wo3xv/0WjxB/3zP/APJFH/CjfG//AEWjxB/3zP8A/JFe20UAeJf8KN8b/wDRaPEH/fM//wAkUf8ACjfG/wD0WjxB/wB8z/8AyRXttFAHiX/CjfG//RaPEH/fM/8A8kUf8KN8b/8ARaPEH/fM/wD8kV7bRQB4l/wo3xv/ANFo8Qf98z//ACRR/wAKN8b/APRaPEH/AHzP/wDJFe20UAeJf8KN8b/9Fo8Qf98z/wDyRR/wo3xv/wBFo8Qf98z/APyRXttFAHiX/CjfG/8A0WjxB/3zP/8AJFH/AAo3xv8A9Fo8Qf8AfM//AMkV7bRQB4l/wo3xv/0WjxB/3zP/APJFH/CjfG//AEWjxB/3zP8A/JFe20UAeJf8KN8b/wDRaPEH/fM//wAkUf8ACjfG/wD0WjxB/wB8z/8AyRXttFAHiX/CjfG//RaPEH/fM/8A8kUf8KN8b/8ARaPEH/fM/wD8kV7bRQB4l/wo3xv/ANFo8Qf98z//ACRR/wAKN8b/APRaPEH/AHzP/wDJFe20UAeJf8KN8b/9Fo8Qf98z/wDyRR/wo3xv/wBFo8Qf98z/APyRXttFAHiX/CjfG/8A0WjxB/3zP/8AJFH/AAo3xv8A9Fo8Qf8AfM//AMkV7bRQB4l/wo3xv/0WjxB/3zP/APJFH/CjfG//AEWjxB/3zP8A/JFe20UAeJf8KN8b/wDRaPEH/fM//wAkUf8ACjfG/wD0WjxB/wB8z/8AyRXttFAHiX/CjfG//RaPEH/fM/8A8kUf8KN8b/8ARaPEH/fM/wD8kV7bRQB4l/wo3xv/ANFo8Qf98z//ACRR/wAKN8b/APRaPEH/AHzP/wDJFe20UAeJf8KN8b/9Fo8Qf98z/wDyRR/wo3xv/wBFo8Qf98z/APyRXttFAHiX/CjfG/8A0WjxB/3zP/8AJFH/AAo3xv8A9Fo8Qf8AfM//AMkV7bRQB4l/wo3xv/0WjxB/3zP/APJFH/CjfG//AEWjxB/3zP8A/JFe20UAeJf8KN8b/wDRaPEH/fM//wAkUf8ACjfG/wD0WjxB/wB8z/8AyRXttFAHiX/CjfG//RaPEH/fM/8A8kUf8KN8b/8ARaPEH/fM/wD8kV7bRQB4l/wo3xv/ANFo8Qf98z//ACRR/wAKN8b/APRaPEH/AHzP/wDJFe20UAeJH4GeNyMH40eICP8Adn/+SK9K8AeE/wDhBvAuneHPtv277EJB9o8ry9+6Rn+7k4xux1PSujooAKKKKACiiigAooooA4D4r3Nxpmn6ZqehTzDxFDdrHptpFlheluHidMgFNoJLH7u3Oa5fUI5739n691fTPEl8t08E15qUygLLLcAHdCc5MSqw27VwcDrzk+uyaZZTanDqMtrE95boyQzsgLxq33gp7ZxzjrUB8P6QbW+tjptt5GouXu4vLG2diMEsO5I6+tAHnXxKtd2h32qaZqs7alp2nwzSRDUWj/s6IEsZ44VxvkbaRh2AIXGex0b1rxvir4W1A6xdy2N9aXLRWRQRxxKIVO4gDLOSSck8dAByT1+peFtB1i5iuNV0izu5YlCI00Kt8oOQpz1APIB4zzV6WwtJ72C8mt45Lm2DCGVlBaMMMNg9sgUAfPX9v67pemR6/bXFyqanZatJaXgu3lkvGG54zLCTth2IrEbd2NoB2816N4MjXSviCdM026uLjT7jw9b3svnXLy5mMhUSfMSQXXJPPO2uwtPCegWN9LeWejWUNzKHV5EhUEhzlx7bj19e9S6P4d0bw+sq6JplrYCbb5nkRBdwXhQcdhk4HQZOKANKiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK57xt4007wH4fGratDdXEbTpBHDZxh5ZHboFBIB6E9e1dDXjPxz1cR+LPAel/Yb/U1XUjqUtlp0HnTSLAAQFTjOQz/AEANAHVaR8U/7X1i108eBPGtl9okCfab3SPKhiz/ABO2/ge9bkXjLT5viBN4Qjgu2v4LIXsk3ljyVQttA3Zzu59Me9VfCfjr/hK72e3/AOEW8S6L5Me/zdY0/wCzo/ONqnccnvj0rG8G+Mr3U9Z8e6jq18DoejXxtrVTGqiAQoTMdwGWycHkn2xQB6HRXj+ial8TPHujv4t0bXbDw7psjO+n6VcWCzfaIlJAaaU/MmcHle3NT+EfH+u3fwJ1vxvrtxHJcn7ZcWKrEqpEi5WOMcDcA6kZbJOeSaAPWaK4S08SarpnwHTxLrV15+qpopvnleNU3SNGXUbVAA5KjGKxNe8Z6/4d/Zvt/El3fFvEE9lA6ztAgPmTMuPk27chW6Y7UAerUV5/4bbxtawf8JR471+1ttMWyeabRorJR9mAXcHab7xcAHcAAuelcBL8T9Z8R6Vc+IYPiP4f8IWil2s9I8qG8upUXp5wLFlZsdFHGRQB7/TZJEijaSV1REBZmY4CgdSTXMfDbX9V8UfDvSdY8QWgtL+5iJkQKVDAMQHAPTcAGx71t6zo1h4g0mbTNXtxc2c+BLEWIDgEHBwQcZA+tAHM6D8V/DHijxtN4Z8PTTahcQQNPLdwoDbqFIBG8nJOWHIBHPWu0ryX4a2FpN8Y/HN/p1rDa2Omrb6TaRQIFRAq5kUAcD51z+Negaj4z8L6PfNZ6v4k0iwukALQXV9FE6gjIyrMDyKANiSRIo2kldURAWZmOAoHUk1xug/Ffwx4o8bTeGfD002oXEEDTy3cKA26hSARvJyTlhyARz1ro9S03S/FGhPZ36R32m3iKzKrnZKmQw5U8g4HsRXm3w1sLSb4x+Ob/TrWG1sdNW30m0igQKiBVzIoA4Hzrn8aAPWqK53xbZ+K719KXwhqdnpyR3ivqDXEe9pIB1RAVYZP4fUV0VABRRRQAyaVYLeSaTO2NSzY9AM14uv7VPgdpAp03XlBONxtocD3/wBbmvYdU/5BN3/1wf8A9BNfIfwy8c6/4f8Ahrruj6P4Gu/EFteSuZL1Y5JIYCY1XDqsZBwBn7w60AfVnhbxbo/jPw/HrPh66+02jkqcqVZGHVWB6HkfmD0Nc58KPievxP0e/vl0k6Z9juBDsNx528Fc5ztXH05rkf2ZP7Ii+G97Dp2oG5vjdGW9gePYbdioCjHcEKTu789MVh/sx6jb6R8OfFOpXrbLazn8+VvRFi3E/kKAPoeivnjRfFfxo+J1pdeIfBt3pejaTDK0cFrLGhafbg4BdGJPIBOVGc46V2Hwp+Ldx4o8Fa5eeK4Y7bUPDu43xiXarIFY7sdm+RwR0498AA9Xrgvib8T1+HEmiq2knUf7UuGh4uPK8oDbz91s/e6cV5t4f8VfGn4lWt14j8I3ek6XpUU7RwWU8akzY5wGZGJOCATuUZzj2i/aJnvP7H8AT66kVvfeYXvERvkjk2xlwDk8A55zQB9F0V454a8c+KviX8UJZPCV6th4J0iQJczGCN2v2HO0FlJG72IwvPUgV7HQB5b4x/aA8K+CfFd34f1Sx1ee7tNnmPbQRMnzIHGC0inow7Vf8GfHHwX431FNO0+7nsr6XiK2v4xG0h9FIJUn2zmuE0b/AJPV13/rzX/0mhqL9p/QLDT9L0XxVp0SWmrpqCwNPCAjyAozhiRySpjGD2zQB6J8T/ij/wAK2k0Zf7CuNW/tSdoswybPL27eB8p3Md3C8Zwea7+vGPjB8QvEnhfTPBlxoN8to+qSA3f7iN/MG1Dj5lOB8x6YNdT8Ur/xvZ21gvgi70nTIJPM+3alqkqIlvjbsA3Z65f+Fvu9qAO+or598CfFLxfafFfT/CXirxFofii11GMlb7SnjdYm2sVAaNVGcrgqRnkH67Xjrxv441b4rHwF8PLzT9Int7UXE15eqreYSA2BlWGMEcBSevYUAe0UV4P8HPFPxH8RfEbV9O8T+IrS9sNDLQ3kKQRDzHO5VMbJGMgFeckfT0ytP8dfFnxb8QvFfhbwnqNkgsdQm8q8u4I1FnDHK6BBhDuLfKMkMfl7cmgD6Noryr4gah8SbG30uHRdY0DQ4BZKdQ1bU5o0X7R/Eq7geOM/c71gfCn4n+J734l3HgzxZrGk6+DbtLBqWmMjIzABsBkCqwwT/CCCKAPdKK8A1Px/8Sr/AONniHwZ4PuLKRVC/ZzeRIEskCIWkyF3Mctjnd16Vm6H8Q/jDdeLNT+H4bSrzX4GydSmRUS2QDJbCqAwO5cfLnnkHsAfSNFeL/CX4geL7v4h614G+IE1vd3+nxGVLqGNUyQy5HygAghwQcA8c9a9oJwCT2oAKK+frXx58T/ir4g1YfDK803RtG0yXy0ubmNWNx125LI/JAzgAADGTWx8OfiJ4x8TzeKfBevG1tPFul20ptbwRgJvHyBnUAggMyHIGCD09QC9rfx1+x/EK48L6B4T1DXTZSBL25tmP7nkBiECNkKTgklRn869br5Q+Eun+P7j4xeIRpuu2MV3a3+NdklQEXarORII/wB2cZIbGNnGOnb6voA5zxz440r4f+G21rXBO8AlWJY7dQ0kjN2AYgdAT16A1H4C8f6P8RdAfVtCW4jijnMEkV0irIjAA8hWIwQRg5rzT4qP/wAJt8bvCHgVB5tnaP8A2hfp2IGTtP8AwBSP+2gqj8LZT4E/aC8VeCZf3dnqTG6s1PAyB5ihf+AOwP8AuUAelaz8VdC0D4h2Xg/Vra/t7y+2eRdNEn2d9+Qvzb933ht+71/OpPG/xQ0TwHqWmadqUF9e32qPtt7awiV36gAkMy4BJAHrz6Vx37Snhqy1L4dDXXmS2v8AR5Ve3kJwZA7BWjHueCPdfrXD/A2ab4m/Fa68V+K7uO4v9HsoUtrc5BJxs8wD2+Yn/akBoA9t8W/EnRvBniHRNG1WC9kudal8q3a3jVkQ7lXLksCBlh0Brrq8B+Pf/JWvhz/1+f8AtaKvfqAPJ/E37RXhLwr4mvtD1HTtakubKTy5HggiKE4B4JlBxz6CodC/aT8H+IPEGn6PZ6briXF/cx20TSwQhFZ2CgsRKTjJ7A1u/HX/AJIp4h/64p/6MWofgB/yQvw9/u3H/pRLQBY0b4o/2t8XdT8D/wBh3EH2CIv9uaXIfAU8pt+UHdwdxzx6139eQ+GvHXiHUP2kfEHhW7vxJo1nbF4LbyIxsbbEc7gu4/ebqe9c3P4++J2s/F/xL4N8IXVi4hfMEt5EgSxiXALZC5Ykso5DdelAH0FRXzd4c+Ifxh1fxJqngKB9Ln160djLqk8aqtvGpwzYVdrAlkwdpPPIPbrfg78QvFWq+M9f8G+PZILnUtKQyLcRRqm4K4Vs7QFI+ZSDgH19gD2Sivni4+Jnj/4geLNXtfAGs6N4e0vSpTEs9+0e655IBy6PnO0nAAwMZNdv8G/iTqfjbT9Y07xHFAmtaJN5U8lvjZKDuAIwSMgoQccHjFAHqFFfNXw48b/GT4j2bjSNU0+OKwuQ91fXMEaNMrYxCoEZHADHOAeeW6V9K0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5qmk6lqf7SUmrXNjcR6XpOiCC3uXiYRyTSPk7WIwTtYg4PGBXpVFAEVzKYLSaYRvIY0LBEGWbAzgAdTXkfg7whrU37Oesafc2cltruux3txLb3CmJ/OkLBQwbGMhV6+tew1Q1zTZdX0O7sLe/udOluIyiXdq22SE/3lPrQB4Zd+OPFOk/A19Fs/B+qaLc6XpYtbzUdRi8mBAq7N0RJzI7HpgYBbPIFdBr/hDVj+yxbeHtBtWnv/7Ptne3jHzOS6SSKvqeW+taknwp17XBFZ+OvH15r+jxSLIdPTT4rUTbTkCR1JLjIFemqoVQqgAAYAA6UAeBePdV8Y+O/h3b6F4c8Ga1pFgXt4Lx7+3KTPhlGxIly2wH5i5wMLjvXZ/E7Q7zU28EeHtMsbmfT11iCW8kjiLpFBCOjsBhQc9+4r0uigDnvH2i3fiP4f63pGmsFu7yzkih3HALEcAnsD0/GvKvCF9baLo2m6aPgpqLeI7O3jt5bs6TBHDLIqgGQ3R9SNxOD3617tRQAVy/i7xt/wAInNbRDw14i1s3Cs27RtP+0LFjHDncME54+hrqKKAPFvgdq2o2P27Sta8I+JbHUNX1K51G4vrrTjFapuGQC7EHPy4xt6n8a9O1DwV4V1a/kvtV8M6Pe3cuPMuLmwikkfAAGWZSTgAD6CtuigDlfFPjGPwZ9jtYPC3iDV0kjOwaHp3npAFwArcgL7AelcB8DtW1Gx+3aVrXhHxLY6hq+pXOo3F9dacYrVNwyAXYg5+XGNvU/jXtNFAHODxLqTfEM+Hk8OXn9nLZ/aH1liRDvzxGPlwT/wACz7V0dFFABRRRQBX1BGk0y5SNSzNEwUDucGvl/wCFfiXx38NPDt7pEXwv13UZLq5MyzPBNEqEqFAI8o5HGc5FfVFFAHjvwJ8B6/4cXxBr/im2SxvNclEi2K4zEMsxJAJxkvwucgDmsX4D+CdWX4Y+LdC8Rabe6U2ps9uou7domKtEULAMBkc9RXvlFAHzV4M1v4mfCXRLnwm3w9vNaAnd7W7tg7RLux1KIwZcjPJU8nPt1vwo+Fmrad4A8VR+K8WupeK0dJogQTChVwCcHAJMjHA6DFe0UUAfNfgbXPiZ8KdHuPCTfDu81rbcO9tdwb/KXd6sqMGUkZ5Knnn22vjjofibxRovgSX+wbm5vlcPqMFlA0q28jLGWBxnCg7hknt1r3qigDwXTvDmv/CP42FvDuk3+o+EPEDjz47O3aRbMlurbQduwnIJ6oSOSK96oooA+bvEkvirwd+0rrXivS/BGr6/aSwxxRm2glCPmCNSRIsbDgqRjFTarofxB+OfiTS08SeHZPC3hmxk82SO4YiR84zwwDMxHAO0AZNfRdFAHiP7QvhvVtYbwgmgaReX0drdt5gtLdpBCvyYLbQdo4PJ9Kr/AB/8M+I9S8TeHNYsdCufEmiWHNzpcBY7n3ZOVXLfMvGQDjHPXn3aigD5Z8M+F9fufjd4Y16H4c3PhXSd3+piidljChiXlYgbWO7HzBc4GBVL4w27a/8AHrVLV9GvvE0cFlEkVtob7J7fAUkuRFJkhi3VTw68jGK+s68j8U/Ap9W8Y3niXwv4x1Pw1fXxzcG2DMG4AOCrowBwDgk80AY/wD8R+GLHUb7wfYeGNR8O6zs8+4XUJPNkm2gcMxVCpAbIXaBgk9+Z/g/4f1nS/jH8Qb3U9KvbS0u7yVreee3ZEmBndgUYjDDBB4rqPh78H7HwPrNzrt7q97r2uXMflyX12e3GcAknJwOSx4GK9FoA+efjR4Z8RN8WdM8RyeFbrxh4fhtvLGmwF2CvhgQQgJXkq2cEHAB6VnfDHwt4gt/j5a63c+B5/DOly2kjpDHExhhBjKgM54DkjODg89K+l6KAPEvCvh/Wbb9qrxLq9xpV7Fps1oVivXt2EMh2xcK5GCeD0PY0nhTw/rFt+1V4m1e40q9i02a0KxXr27rDIdsPCuRgng9D2Ne3UUAeI+FPD+s237VXibV7jSr2LTZrQrFevbusMh2xcK5GCeD0PY17aw3KR6jFLRQB81eGI/H3wM1jWtLsPBN54m0m8n8y1ms97YAyFYlFcjgjIIHI4Pr13wZ8GeJI/GniDx74yshpl7q4McNl/EqMysSR2xsUDPPBzXs9FAHiXwf8PazpXxj+IF7qelXtpa3d5K9vPPbskcwM7sCjEYbgg8V7aTgE0UUAfNPh74R3HxY8b+KfEXj+21zRoZLoCxQx/Z3kTkDiVDkKioOB1NV/F/wdu/hZ4o8N+Ivh1a63rawXW65iCefIu0ggYjQYVl3Akj+dfT1FAHhfxU0nxD8S/iZoXhKHStStvDNq63N9fPbukMjFdxAcjaSF+Uc/eYjtVHxr4R1n4c/GLR/GPgHQry9024QQX1lp1u8mxVARgVXOAUwR23LmvoKigDxD40aBrGs/EzwBeaVpN9eW1tdBriWC3d1gHmxHLkDC8A9fQ17fRRQBw/xl0691b4Ra7ZaXaTXl1LCvlwQRl3fEik4UcngHpUXwR02+0j4NaFY6rZz2V3Es3mQXEZjdMzyEZU8jgg/jXe0UAeI+FPD2s237VPiXV7jSr2LTZrQrFevbsIZDti4VyME8HoexpfAHh7WbL9prxjqt5pV7Bp1xaSLDdy27LFKTJCQFcjDcKeh7GvbaKAPEvAHh/WbL9pnxjqt5pV7b6dcWsiw3ctuyxSkyQkBXIw3CnoexpPAPh7WLP9pjxlql5pV7b6dc2kiQ3ctuyxSkyQkBXIw3Cnoexr26igD5J1H4aX3grxdqy6z8M7vxrplzOz2M9lc3EbRqSSM+TnsQCGXqOD6+vfBLw8+l2Gs3reBh4QW7aNYYHuZppZVUN97zGJGCeOFznvXrFFAHin7M/h/WPD/hXWYdd0q902WS9Uol3btEXATqAwGR717XRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB/9k=)

Figure AXI-Timer Block Diagram

**A screenshot of a cell phone

Description automatically generated**

Figure Project Block Diagram

![A screenshot of a cell phone

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAwADAAAD/4RDiRXhpZgAATU0AKgAAAAgABAE7AAIAAAAIAAAISodpAAQAAAABAAAIUpydAAEAAAAQAAAQyuocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGJibG91aW4AAAWQAwACAAAAFAAAEKCQBAACAAAAFAAAELSSkQACAAAAAzc2AACSkgACAAAAAzc2AADqHAAHAAAIDAAACJQAAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyMDE5OjAyOjE4IDE1OjIyOjUyADIwMTk6MDI6MTggMTU6MjI6NTIAAABiAGIAbABvAHUAaQBuAAAA/+ELGmh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMTktMDItMThUMTU6MjI6NTIuNzYyPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPmJibG91aW48L3JkZjpsaT48L3JkZjpTZXE+DQoJCQk8L2RjOmNyZWF0b3I+PC9yZGY6RGVzY3JpcHRpb24+PC9yZGY6UkRGPjwveDp4bXBtZXRhPg0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICA8P3hwYWNrZXQgZW5kPSd3Jz8+/9sAQwAHBQUGBQQHBgUGCAcHCAoRCwoJCQoVDxAMERgVGhkYFRgXGx4nIRsdJR0XGCIuIiUoKSssKxogLzMvKjInKisq/9sAQwEHCAgKCQoUCwsUKhwYHCoqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioq/8AAEQgBZQJTAwEiAAIRAQMRAf/EAB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAEEQUSITFBBhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A+kaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiubPxG8EA4PjHw/n/sKQf/FUf8LH8Ef9Dl4f/wDBpB/8VQB0lFc3/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVAHSUVzf/AAsfwR/0OXh//wAGkH/xVH/Cx/BH/Q5eH/8AwaQf/FUAdJRXN/8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VQB0lFc3/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVAHSUVzf/AAsfwR/0OXh//wAGkH/xVH/Cx/BH/Q5eH/8AwaQf/FUAdJRXN/8ACx/BH/Q5eH//AAaQf/FUf8LH8Ef9Dl4f/wDBpB/8VQB0lFc3/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVAHSUVzf/AAsfwR/0OXh//wAGkH/xVb9rdW97aRXVlPHcW8yCSKaJw6SKRkMpHBBHcUAS0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHjfwP8F+FtX+D+kXureGtHvruR7jfcXNhFJI+LiQDLMpJwAB+Fegf8K48Ef9Cb4f8A/BXB/wDE1zX7P3/JEdF/66XX/pTJXpNAHN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E10lFAHN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E10lFAHN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E10lFAHN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E10lFAHN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E10lFAHN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E10lFAHN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E10lFAHn3jjwB4OtPh74iubXwnocE8Ol3MkcsemwqyMImIYELkEHnNbPwy/wCSUeFf+wRa/wDopan+IH/JNPE//YIu/wD0S1QfDL/klHhX/sEWv/opaAOooorj/ifrep6F4MM2gvPFf3F3BbRS29t9oeMNINzCPa247Q3GD19aAOworjPAOtDUZ9StZ/EGq6le2rIJrTVbCK0ltsgkHakaZDDuc9Kzb7xxrGl/E7XNKi0y+1iytNNguo7e0WFfJ+/vYs5UknC4XJJwcDrQB6LRXlHiL4os2h6zqfhSa6uGj0SK/t0kiiEUO9mXfz8xYY5UkjgYHWtpfiaUupbBfDuq3t7YwQy30dsYXePzFDAKgfdIQpBOwH0oA72ikRw8auAQGGcMMEfhS0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHm37P3/JEdF/66XX/pTJXpNebfs/f8kR0X/rpdf+lMlek0AFFFFABRWB49keH4b+JZYXaORNJumV1OCpELYIPY18+y6x4Ms/hVpt5puq69aeMXtIDHcC4vURrkhdxLykQbMnk524PFAH1DRXlN3q8+n/ABi0KfVr4fZ4fCstzdtHITESrZZwOh4zz6VbHxX1GLw9B4pvvCM1v4WmdSL77crzxxMQFmaALwpyOjk47UAel0Vw934/1G78S3+j+DfDv9tvpkSPeTy3otY1Z13LGhKNvYjnsB3NcZqPxEtrX4naF4g1pb/RrF/D00klhdoySeZ520KIz95ieB6g56UAe10Vk+G9U1HWNGjvtV0d9Hkm+ZLWWYSSKnYvgAKT/d5x354HnnxyHixfCl9d6fqcGm6JZ/Z2YQbvtN07TIhUtwEQbs8ZJxzxQB6zRTYv9Sn+6KdQAUUUUAc98QP+SaeJ/wDsEXf/AKJaoPhl/wAko8K/9gi1/wDRS1P8QP8Akmnif/sEXf8A6JaqHw1v7NPhX4WV7uBWXSbYEGQAg+UtAHYVkeJdP1bUdMjXw/qg029hnSZXePfHKqnmNx12t6jB6fSr39pWP/P5b/8Af1f8aP7Ssf8An8t/+/q/40AcZZ/DiHVta1LWfH0Gm6tc3whRLRIC1vbrEGC438sx3sSSB1wBUMvgXW9H8T3+o+CrjSbG0u7CGxS0ngfEATdh12ntuPy9D6iu5/tKx/5/Lf8A7+r/AI1zw8U/2xr4tNEvLWPT7OTF7fSMpErD/ljFzyQfvP0HQZOdoBy6fBxrbRdR0uz1RRFdaFFpaSPEdwdXdjIRnoS/TtTPEPwz8Q+I42XUbjw/PK8MccN61kyT6aVGC0LqQzc/MAzDB9q9M/tKx/5/Lf8A7+r/AI0f2lY/8/lv/wB/V/xoAfZW5tLGC3aV52ijVDK/3nwMZPuamqt/aVj/AM/lv/39X/GpIbmC4z9nmjl29djhsflQBLRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5t+z9/wAkR0X/AK6XX/pTJXpNebfs/f8AJEdF/wCul1/6UyV6TQAUUUUAY/i/T7jV/BGuabYqHubzTriCFSwAZ3jZVGT05Irzq3s/H4+Ftv4LXwVZq/8AZi6c97datGYlHl7DIUVST6gV67RQB5IPhXqKaxpNi03m6bb+E5tFnvdw3eY/GQmc4wSR+War3Xh3x1qnw3t/h3caFb28SxRWc+ufbY2hMEbD5kjHz7yqjggDOea9jooA8yttD8S+A/F2tXfhzQR4g07WRFIqreRwSW0qJsIfzCMqcA5XJHpWTffC7WvGHijSbn4gpa6hGuiz291cW5VBDcPISnlr1JVTw2OozXsdFAHM+AofEdl4bXTvFyK93YuYI7xJAwu4h9yQjOVJHUHvUHxQ0C/8T/DnUtI0eNZby4aAxozhQds6OeTx0U11tFADYwVjUHqABTqKKACiiigDnviB/wAk08T/APYIu/8A0S1YPw68I+G7r4Y+GZ7nw/pU00ulWzySSWUbM7GJSSSRkn3re+IH/JNPE/8A2CLv/wBEtUHwy/5JR4V/7BFr/wCiloAu/wDCFeFv+ha0f/wAi/8AiaP+EK8Lf9C1o/8A4ARf/E1t0UAcZr3w80nVGt7Ky0TR7KxkJN5cRWcazlRjEceF+Xdzl85AHHJyNWHwL4TghSKLwxo4RAFA+wxHj/vmt6igDE/4Qrwt/wBC1o//AIARf/E0f8IV4W/6FrR//ACL/wCJrbooAxP+EK8Lf9C1o/8A4ARf/E1l6JpWn6T8TNYh0qwtrGJtIsnaO2hWNS3nXQyQoHOAOfauvrm7T/kqerf9gWx/9H3VAHSUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAebfs/f8AJEdF/wCul1/6UyV6TXm37P3/ACRHRf8Arpdf+lMlek0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHPfED/kmnif/sEXf/olqg+GX/JKPCv/AGCLX/0UtT/ED/kmnif/ALBF3/6JaoPhl/ySjwr/ANgi1/8ARS0AdRRRRQAUUUUAFFFFABXN2n/JU9W/7Atj/wCj7qukrm7T/kqerf8AYFsf/R91QB0lFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHm5/Z9+GLMSfDPJ6/wCn3P8A8cpP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HKP+GfPhj/0LP8A5P3P/wAcr0migDzb/hnz4Y/9Cz/5P3P/AMco/wCGfPhj/wBCz/5P3P8A8cr0migDzb/hnz4Y/wDQs/8Ak/c//HK7/TNNtNG0m103TYvJtLOFYII9xbYijCjJJJwB1JzVqigAooooAKKKKACiiigArm7T/kqerf8AYFsf/R91XSVzdp/yVPVv+wLY/wDo+6oA6SiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAorxLwBB8TvHfgmz8RD4nf2eLtpQLf+wLaXZskZPvfLnO3PTvXSf8ACE/E7/orn/ltW3/xVAHpNFebf8IT8Tv+iuf+W1bf/FUf8IT8Tv8Aorn/AJbVt/8AFUAek0V5t/whPxO/6K5/5bVt/wDFUf8ACE/E7/orn/ltW3/xVAHpNFebf8IT8Tv+iuf+W1bf/FUf8IT8Tv8Aorn/AJbVt/8AFUAek0V5t/whPxO/6K5/5bVt/wDFUf8ACE/E7/orn/ltW3/xVAHpNFebf8IT8Tv+iuf+W1bf/FUf8IT8Tv8Aorn/AJbVt/8AFUAek0V5t/whPxO/6K5/5bVt/wDFUf8ACE/E7/orn/ltW3/xVAHpNFebf8IT8Tv+iuf+W1bf/FUf8IT8Tv8Aorn/AJbVt/8AFUAek0V5N4g8PfE7QvDOp6v/AMLW8/7BZy3Plf8ACOWy+ZsQttzk4zjGcGu78Dald6z8PtA1LUpfOu7zToJ55NoXe7RgscAADJPQDFAG9RRRQAUUUUAFFFFABXN2n/JU9W/7Atj/AOj7qukrm7T/AJKnq3/YFsf/AEfdUAdJRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUV5l8cLeG70Xwpb3USTQTeKbFJIpFDK6kuCpB4II4xXU/8ACuPBH/Qm+H//AAVwf/E0AdJRXN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E0AdJRXN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E0AdJRXN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E0AdJRXN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E0AdJRXN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E0AdJRXN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E0AdJRXN/8K48Ef9Cb4f8A/BXB/wDE0f8ACuPBH/Qm+H//AAVwf/E0AdJRXN/8K48Ef9Cb4f8A/BXB/wDE1w/ifw1oXh/4yfDhtB0XTtMM1xfCU2VokPmYt+M7QM4yevrQB65RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHm37P3/JEdF/66XX/pTJXpNebfs/f8kR0X/rpdf+lMlek0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHPfED/AJJp4n/7BF3/AOiWqD4Zf8ko8K/9gi1/9FLU/wAQP+SaeJ/+wRd/+iWqD4Zf8ko8K/8AYItf/RS0AdRXnviDxx4m0KzvtbuNCtYdFsb1bcwTzMLq5jLqnmx4G3ktkKeSO4r0KvKLu28V6z42fUfFHgzUb7TtPuSdJsre9sxCuOBPIGmBaTrgEYUdOaAL2p/EnV4Idc1nT9JtZtB0C8+yXfmSsLibaVErxjG0BCx4P3tp5Fdf4l146J4J1HXrSNZzaWb3MaMSA+FyATXnereGPE8ek+LPCtloz3Vv4j1GS6t9TE8Sw28cxVpBIC2/cp3YwpByPQ10PibwLezeD9YttL1XVLue40+W3g0+S4QQFim0KAQMe2WoAu2PxI0HVNFnnsdTtlvItOa+Mc6yImxVJLg7cugI5KZ/lVa2+J+mf8JLNpmoPHb29vpkV9LfYkERL54BKgBcAYJPOcdQRXJat4X8T+KrHT4G8NSaQ+i6Fe2mJLiEi6nmt/KWOIo5GzIzubb24HNSXvg/xCk80TeF01e2vPDVtYSRvexxIs0RZmRju3AnPDKCM45AyQAel6L4q0bxBNPDpN6JZoArSwvG8Uiq33W2uAcHscYqlaf8lT1b/sC2P/o+6rnfh/pXiOz8TXc17DqsOi/ZFjiTXZoJ7sTBjkLJGWYx4x99ic11mq+EtH1nURf30E/2rylhMkF3NCSiliAdjDOCzHn1NAG1RXN/8IBoH/PPUP8AwbXX/wAco/4QDQP+eeof+Da6/wDjlAHSUVzf/CAaB/zz1D/wbXX/AMco/wCEA0D/AJ56h/4Nrr/45QB0lFc3/wAIBoH/ADz1D/wbXX/xyj/hANA/556h/wCDa6/+OUAdJRXN/wDCAaB/zz1D/wAG11/8co/4QDQP+eeof+Da6/8AjlAHSUVzf/CAaB/zz1D/AMG11/8AHKP+EA0D/nnqH/g2uv8A45QB0lFc3/wgGgf889Q/8G11/wDHKP8AhANA/wCeeof+Da6/+OUAdJXA6B8bPAfiC4NtFrcdjdBihg1AeQc5xgMflP4E1tf8IBoH/PPUP/Btdf8AxyvDNE/ZVu7q8e48Ua9HbQs5YW9gpkcgnu74AP4NQB6b8ZXWTS/Bzxsro3ivTyrKcgjLV6VXh3jP4eaF4B0Hwjb6At2A/ivTw7T3TybuW5252A/RRXuNABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5t4+/wCSxfDP/r5v/wD0nFek15t4+/5LF8M/+vm//wDScUAdF4z0M6rBDczHVLu1swzNpOnT+S14xwBl96fd5ONwH14riPDCf238ObW48U+J7qzsNHurganbSXEiSbQSEgmlyr5TjOM7jjr377xF4WbWr+y1Gx1a70nUbEOsU9uEdWV8bldHBVhwD6iucvPhBZXNhZ28Wu6lC8F7JqE8zJDKbu5frJIroUJHYbcCgCn4H8T2PhvQLi68Uau2laTf30raHHrVyRN9mAGBlzuxk5AJJAI5rPsvFniTT9S8dappcFtqmk6beC4Inun3GMRIzLEACFwvzehJr0zQ9NvtMtXi1LW7rWHZ8rLcwwxlBgfKBEijHfkZ5rl9Q+GEd7fazJH4h1O2s9dlEmoWcQi2SAADarFCy5AwSDyOKAOO8QeMr/UbPUbjw0TZA6zpyNK9zKTKkojYDbnCDnBC4BGfWt9fidqKeLpNFuLTSrWaK9FsLS7u2gnuI+hmiLqEYHqFBJI75rXvPhdpdzaalBBe3lp9tube6RodhNu8IUJtDKQR8g4OaivPhidRbyNS8T6reaa90t5JZziJt0ikNhZCm5FJGdq49BgUAd3RSKAqgDoBgUtABRRRQAUUUUAFFFFABRRRQAUUUUAebfs/f8kR0X/rpdf+lMlek15t+z9/yRHRf+ul1/6UyV6TQAUUUUAU9Y1SHRNCv9Vu1keCxtpLmVYgCxVFLEAEgZwO5FcMvxk09dGg1m88LeJ7PR5kSUajLZxNCkbYw7bJWYLyOcV0nxB/5Jl4n/7A93/6JavI/wDhHvGl3+z5ZSp4psX0caLFPLp7aeIXaBYwxi8/e3JUY3bR+FAHrx8Y6afGFj4djWeS5vrE38M6KpiMYbHXOc/hj3rfrwa48SBvFuieI9Fs/svl+BLi7trVzv8ALK/MqZ/iGQBnvS3+mnSPgXbfECz1zUW8SLbwX7Xz38rLM7sm6Joy20pzt27e1AHvFYlx4rsbfxva+FniuDfXVm14kgVfKCK20gnOc59se9efaHZD4i+PfFA8UT3yR6YLe3tLGC8lgW3DxbjJhGBLEngn0riPFOpa3o/irRpvBOq/8JTeW/hy5j/tPcruI1mO9wM4d1AwBnJOM55oA+k65DVPiLZWOu3mkado+sa5dWCK14NMt0dbfcMgMXdcsRzhcmrXw+i0tfBNhPomoXWp21zGJvtl3M0ssrHqWJ6HPG3tjGKyPFPihdJ1ifw/4G0yC88W6goll2RBY7YEYE9w4HYdAck8diKAOq8PeINP8UaDbaxo0xmtLlcoxXaQQcFSOxBBBHtWlXPeBfCkXgvwfZ6LHMbiSIM885GPNlYlnb2GScD0roaACiiigDnviB/yTTxP/wBgi7/9EtVT4aXEK/CrwsGljBGkWuQWH/PJat/ED/kmnif/ALBF3/6Jaud+HfgrwrefDLw1c3fhnR555tKtnkllsImZ2MakkkrkknvQB3/2mD/ntH/32KPtMH/PaP8A77FYf/CA+D/+hT0P/wAFsP8A8TR/wgPg/wD6FPQ//BbD/wDE0Abn2mD/AJ7R/wDfYrHvPE8Ca9Bo+nIl5dHD3REoVLSL+87c/Mf4V6nrwBmsLX/BeifuNP0HwZogubrO69k0uExWiDGXI2/M3Pyr3PJ4Bq9pfwx8GaXp0VonhrS7jYPmmubKOSSQ9yzFf/rDoMCgDp/tMH/PaP8A77FH2mD/AJ7R/wDfYrD/AOEB8H/9Cnof/gth/wDiaP8AhAfB/wD0Keh/+C2H/wCJoA3PtMH/AD2j/wC+xR9pg/57R/8AfYrD/wCEB8H/APQp6H/4LYf/AImj/hAfB/8A0Keh/wDgth/+JoA3PtMH/PaP/vsUfaYP+e0f/fYrD/4QHwf/ANCnof8A4LYf/iaP+EB8H/8AQp6H/wCC2H/4mgDc+0wf89o/++xR9pg/57R/99isP/hAfB//AEKeh/8Agth/+Jo/4QHwf/0Keh/+C2H/AOJoA3PtMH/PaP8A77FH2mD/AJ7R/wDfYrD/AOEB8H/9Cnof/gth/wDiaP8AhAfB/wD0Keh/+C2H/wCJoA3PtMH/AD2j/wC+xR9pg/57R/8AfYrD/wCEB8H/APQp6H/4LYf/AImj/hAfB/8A0Keh/wDgth/+JoA3PtMH/PaP/vsUfaYP+e0f/fYrD/4QHwf/ANCnof8A4LYf/iaP+EB8H/8AQp6H/wCC2H/4mgDc+0wf89o/++xR9pg/57R/99isP/hAfB//AEKeh/8Agth/+Jo/4QHwf/0Keh/+C2H/AOJoA3PtMH/PaP8A77FeW2/7RHgxPEN7o+tNdaVPaXLwGaWPzIX2sRkMmSM47gfWu2/4QHwf/wBCnof/AILYf/ia8qg/Ze0S68RXupa5qszW89y8sVjYRLCkaFiQu454x6AUAbvxS13Stf0PwfdaJqVrqEB8Waf+8tplkA5fg4PB9q9YrxPx/wCAPC3gvS/CI8NaNb2cjeKtPRpwC8rjc3BdssR7ZxXtlABRRRQAVyXxD8X3HhPRbUaVbR3Wr6pdpZWEUpITzH/ifHO1epxXW1wXxX0bU73S9J1nQ7Z7y80HUEvjaR8vPEMh1Ud2x0H9aAK19pvxN0Oxi1Sy8RReJLlHUz6O9hDbxyqThhHIMFSM5yxPT8+g1jx9oeg30Wn6g90+ovD57WVnaSXUsSd2YRK20e5rmtW+LkN9paWngSwvNS8R3BVYrK4sJo1tzkbjMSAFUc55/wAao2eqr4D+KHiTUfGcckEWsQWsltqENtJLE5SPa0WVDFSDnAPagDsLr4leEbPw7aa7ca1Gum3kvkwzrFI258E7SApKng8EDnipdB8f+HvEd9c2VhdTRXdrGJpbe8tZLZxGf48SKMr7140uh6nLZ6ZqUul3UFtqvjoajb2ksBDw27dC6fw9M8+orqvHOh6jrHxhu7fTopAbrwXc20cwUhPMaUgKW6AnP5GgDr7L4qeE7++gt4L6cJdTG3truSymS2nkBxsSYqEY59DzTdQ+K3hPTZ7pJru7lhspfJuru3sJ5be3fONryqhUEfWuT8OeMdNXwd4b8Lx+G5tU1u1MFvcaXPZugs2QYaZmaMqAvUHvkYrj9Q1zVNX8E6/Z6jfanpmqubiNPCmj6QqKoyeXfyizqR8xYMM9KAPTNQ+JccPxY0jw1bbnsbuyM7zJZzOXdiPL2sFxswclhwDwSMYr0KvENKmbSPG3w71DUoLpLaTw6tl5ot5HAnYrhG2glT9cAd69voAKKKKACvLvibefYPip8N7n7PPc+XcX/wC6t03yN+4UcDv1r1GvNvH3/JYvhn/183//AKTigDpf+Ey/6lzxB/4A/wD2VH/CZf8AUueIP/AH/wCyrpKgvYriaxmisrgW1w6FY5mj3+Wf723IzigDh9X+Il1PJJpPh3QtY/tPC+dJJZbhZo38bKDy2PuqcZ6njro6d4m/s/T4bU6J4nuTEoUzXFoXdz6k7utbuiaJa6FYfZrTe7OxkmnlO6SeQ9Xdu5P/ANbpWjQBzf8AwmX/AFLniD/wB/8Asq+ej+0p4r8PeLNRs9Qs7bVbGK7kRI5k8mZFDHC7l44HqpNfVNc5pXw+8KaLqU2o6foVml9PI0r3UieZIWJySGbJHPYYFAFDwB8Qv+E6sfP/AOEc1jSflzvvIMRP/uP/ABfkK7KiigAooooAKKKKACiiigAooooAKKKKAPNv2fv+SI6L/wBdLr/0pkr0mvNv2fv+SI6L/wBdLr/0pkr0mgAooooAralp9vq2k3enXyF7a8geCZQxBZHUqwyORwTXFr8GfB/2WKzmi1O4sogoWzm1a5aHA6DZvxgenSu9ooAxj4T0Y6/a6wLMLd2lmbGHaxCLCTkps6fpWFD8JPCkN5C62941nBP9oh0yS+lazilzncsBbaOSeMY56V21FAHL678PdD17Vm1OY31leyRCGebTr2W2a4jHRJNhG4duean0/wADeHtJ1Swv9NsBbTadZtZWwR22pEW3EYzgknnJ5roaKAMjw94X0vwtBcwaJC9vb3M7XDQ+YzIjscnaCflHsOKwrr4UeGrrW77Vi2qQXuoSeZcyW2qTw+Ye2QrgYGcAdq7SigDP0TRbbQNMSxspLqSJWLBrq5ed+Tn77kk/nWhRRQAUUUUAc98QP+SaeJ/+wRd/+iWqD4Zf8ko8K/8AYItf/RS1P8QP+SaeJ/8AsEXf/olqg+GX/JKPCv8A2CLX/wBFLQB1FFFFABRRRQAUUUUAFUb3W9K0yZYtS1OztJGXcqT3CRkjpnBPTg1erlFsrW8+Keqfa7aGfbo1lt82MNj9/ddM0Aan/CWeHP8AoP6X/wCBsf8AjR/wlnhz/oP6X/4Gx/41Z/sTSv8AoGWf/gOv+FH9iaV/0DLP/wAB1/woArf8JZ4c/wCg/pf/AIGx/wCNH/CWeHP+g/pf/gbH/jVn+xNK/wCgZZ/+A6/4Uf2JpX/QMs//AAHX/CgCt/wlnhz/AKD+l/8AgbH/AI0f8JZ4c/6D+l/+Bsf+NWf7E0r/AKBln/4Dr/hR/Ymlf9Ayz/8AAdf8KAK3/CWeHP8AoP6X/wCBsf8AjR/wlnhz/oP6X/4Gx/41Z/sTSv8AoGWf/gOv+FH9iaV/0DLP/wAB1/woArf8JZ4c/wCg/pf/AIGx/wCNH/CWeHP+g/pf/gbH/jVn+xNK/wCgZZ/+A6/4Uf2JpX/QMs//AAHX/CgCt/wlnhz/AKD+l/8AgbH/AI0f8JZ4c/6D+l/+Bsf+NWf7E0r/AKBln/4Dr/hR/Ymlf9Ayz/8AAdf8KAK3/CWeHP8AoP6X/wCBsf8AjXl1v+0z4Xh8Q3ul67ZXVmtvcvCl5bkXEUiqxAfjDDPXgNXrX9iaV/0DLP8A8B1/wryqD9mvwrP4ivdW166u9QN1cvOtrGRBCgZidvy/McZxkEfSgA+I/jHw74r0jwhL4d1mz1ADxXp7MkMo3oMt95D8y/iK9jrx/wCJXhPQPC2j+EIfD2j2enqfFenhjBEAzct95urfia9goAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvNvH3/JYvhn/ANfN/wD+k4r0mvNvH3/JYvhn/wBfN/8A+k4oA9JooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDzb9n7/kiOi/8AXS6/9KZK9Jrwn4YeOL7wR8PNP0DVfh943murV5i72uis0Z3yu4wWYHow7V1v/C5P+qcfED/wR/8A2dAHpNFebf8AC5P+qcfED/wR/wD2dH/C5P8AqnHxA/8ABH/9nQB6TRXm3/C5P+qcfED/AMEf/wBnR/wuT/qnHxA/8Ef/ANnQB6TRXm3/AAuT/qnHxA/8Ef8A9nR/wuT/AKpx8QP/AAR//Z0Aek0V5t/wuT/qnHxA/wDBH/8AZ0f8Lk/6px8QP/BH/wDZ0Aek0V5t/wALk/6px8QP/BH/APZ0f8Lk/wCqcfED/wAEf/2dAHpNFebf8Lk/6px8QP8AwR//AGdH/C5P+qcfED/wR/8A2dAHpNFebf8AC5P+qcfED/wR/wD2dH/C5P8AqnHxA/8ABH/9nQB1HxA/5Jp4n/7BF3/6JaoPhl/ySjwr/wBgi1/9FLXFeKPijNrfhDWNKtfh348Se+sZ7aNpNEIUM8bKCSHJxk+hruvh5a3Fl8M/DVrewSW9xDpdtHLDKhR42EagqwPIIPY0AdHRRRQAUUUUAFFFFABXN2n/ACVPVv8AsC2P/o+6rpK5u0/5Knq3/YFsf/R91QB0lFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHm3xo/5B3hD/sbNP/m9ek1yfxD8F3HjfRbC0sdX/se5sdQiv4br7MJ8PGG2/IWA6sDznp0rC/4Qn4nf9Fc/8tq2/wDiqAPSaK82/wCEJ+J3/RXP/Latv/iqP+EJ+J3/AEVz/wAtq2/+KoA9Jorzb/hCfid/0Vz/AMtq2/8AiqP+EJ+J3/RXP/Latv8A4qgD0mivNv8AhCfid/0Vz/y2rb/4qj/hCfid/wBFc/8ALatv/iqAPSaK82/4Qn4nf9Fc/wDLatv/AIqj/hCfid/0Vz/y2rb/AOKoA9Jorzb/AIQn4nf9Fc/8tq2/+Ko/4Qn4nf8ARXP/AC2rb/4qgD0mivNv+EJ+J3/RXP8Ay2rb/wCKo/4Qn4nf9Fc/8tq2/wDiqAPSaK82/wCEJ+J3/RXP/Latv/iqP+EJ+J3/AEVz/wAtq2/+KoA9Jrzbx9/yWL4Z/wDXzf8A/pOKP+EJ+J3/AEVz/wAtq2/+KpLD4a+KZPGmh6/4q8ff24ujPK8Ft/Y0VtkyRlG+ZG+h5B6e9AHpVFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFc3af8lT1b/sC2P/AKPuq6SubtP+Sp6t/wBgWx/9H3VAHSUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFeAfCD4PeBfFfwu0zWdf0P7Xf3DziWb7XOm7bO6j5VcAcKBwK7b/AIZ8+GP/AELP/k/c/wDxygD0mivNv+GfPhj/ANCz/wCT9z/8co/4Z8+GP/Qs/wDk/c//ABygD0mivNv+GfPhj/0LP/k/c/8Axyj/AIZ8+GP/AELP/k/c/wDxygD0mivNv+GfPhj/ANCz/wCT9z/8co/4Z8+GP/Qs/wDk/c//ABygD0mivNv+GfPhj/0LP/k/c/8Axyj/AIZ8+GP/AELP/k/c/wDxygD0mivNv+GfPhj/ANCz/wCT9z/8co/4Z8+GP/Qs/wDk/c//ABygD0mivNv+GfPhj/0LP/k/c/8Axyj/AIZ8+GP/AELP/k/c/wDxygD0mivNv+GfPhj/ANCz/wCT9z/8co/4Z8+GP/Qs/wDk/c//ABygD0mivHvGHwL+HOl+B9d1Cw8O+VdWmnXE8Mn264bY6xsynBkIOCBweK7n4Zf8ko8K/wDYItf/AEUtAHUUUUUAFFFFABRRRQAVzdp/yVPVv+wLY/8Ao+6rpK5u0/5Knq3/AGBbH/0fdUAdJRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5t+z9/yRHRf+ul1/6UyV6TXm37P3/JEdF/66XX/pTJXpNABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBz3xA/5Jp4n/wCwRd/+iWqD4Zf8ko8K/wDYItf/AEUtT/ED/kmnif8A7BF3/wCiWqD4Zf8AJKPCv/YItf8A0UtAHUVn61qF7ptis2m6Pc6vKZApt7aWKNgMH5syuq44A6556VoVkeLNRutI8Iarf6dBJcXlvayPbxRoXZ5Np2gAcnnFAGb4T8at4p1PVLJtCvtNfS5BDO9xJDIhkIyUDRuwLAYyM8Z5q2PGGmr4qv8AQrlxazWUMMzTTuqxuJN2ACTnI2Gsnw14X1XRPhzpemaJqEGn6iFE13cXlm1z5kjgtJld6HJds5J4xjHpxeqW1jp/xL1y48daVNrPnaLBbxXVvpEjxTSfPvRFAcKzfLgEnp1oA9I8QeMLPwzbajd6pBItpYWouWlSWMmTJI2Km7dnjqQAc9etaUOs6dLFbN9tt1N0oaFTMuXz0xzz+FeCDwt4gXwjrNnqmm3VxeDwjbRIphLneskhCDjl1Ujgc1L4kt7KS71C90rTLl5Ly0tguman4elki1DagAWCRAskJBGCDjB5xigD6Erm7T/kqerf9gWx/wDR91W5p7Svpts1xCbeUxKXiLbthxyue+PWsO0/5Knq3/YFsf8A0fdUAdJRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5t+z9/yRHRf+ul1/6UyV6TXm37P3/JEdF/66XX/pTJXpNABRRRQBkeLdSuNH8F63qdkVFzZafPcRFhkb0jZhkdxkCvMpvEvj7TPhba+PJ/Euj3ML2cV6+nT6Z5IYOATGJRKfm5wPl5PavRPH6s/w18TKilmbSLoAAZJPktXgttZfC1vhXYLFp0zeME01PJ/s+1uRc/bRGCDlRjIcZyeKAPXl8Y6lL8UNE0YotvYX2htqE0UifvEk3AYJ7YB6Vft/il4MutQjs4NbRmlm+zxzGCUQSSdNizFfLY+wavNrzTPEuo+KtItdSVzrtx4FuYJZOmLhuACw4Byefequo6/pWp/AW08BafbzP4pa3t7IaR9ncTRTI67nYEfKoKlt/Tn3oA9d13x/4a8N6h9g1bUSl35XnNBBbS3DRx/32EattX3bArEPj37V8TtJ0/Tb61m8P3uiy6g04xglXxu39gB1rm9E1jT/AIdfELxUfG8/2NtUFtNaXskTMt0iRbTGpAOWU5G3rzwK5HXvCs3j7xPodlpGlzeEIZ/D1xJFZLEFXiclEkAAADnaxGM8880Ae/aF4g0zxLp32/Q7n7XaFyizLGyq5HB2lgNwzxkZFcr4gvPHB1LWbi0u9N8P6LpkAktri9gE/wBsO3LFiJB5aAjHr3rS+HfiMeIfCcImsv7OvrA/ZLyxEewQSpwVUdNvGRjtXN+MfFPhC81PUfDvxP0hbW2tSHsJLkPIt6rL96LavDjJXAJINAHX+BfEU/izwPpeuXdr9kmvIRI0QzgHpkZ7HGR7EVv1xHwfj1qL4Z6eviMXS3G6TylvM+csO8+WHzznbjrzjFdvQAUUUUAc98QP+SaeJ/8AsEXf/olqg+GX/JKPCv8A2CLX/wBFLU/xA/5Jp4n/AOwRd/8Aolq5n4eeCdEvPhn4auZ0vjLNpds77NTuUGTGpOFEgA+gGKAPR6K5v/hANA/556h/4Nrr/wCOUf8ACAaB/wA89Q/8G11/8coA6Ss6+1u0sNSs9OYSTXl4T5cEK7mVB96Rv7qD1PcgDJOK5PX/AA7oemeTZ6dZ6he6teZFrbf2vdheMbpHbzPlRcjJ9wBkkCp9G+FmiWFv5l/JfXmoygfaLv8AtC4QyHsoAk4UZwBzx1JOTQB21Fc3/wAIBoH/ADz1D/wbXX/xyj/hANA/556h/wCDa6/+OUAdJXN2n/JU9W/7Atj/AOj7qj/hANA/556h/wCDa6/+OVe0fwxpWg3M9xpsEqzXCIksk1zLMzKpYqMuxwAWbp6mgDWooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA82/Z+/5Ijov/AF0uv/SmSvSa82/Z+/5Ijov/AF0uv/SmSvSaACiiigAooooAKKKKACiiigAooooAKKKKACiiigDnviB/yTTxP/2CLv8A9EtUHwy/5JR4V/7BFr/6KWp/iB/yTTxP/wBgi7/9EtUHwy/5JR4V/wCwRa/+iloA6iiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA82/Z+/5Ijov/AF0uv/SmSvSa4Dwf4G8U+CfC9roOk+JtHltLVpCj3OhytId7s5yVugOrHtW39h8b/wDQw+H/APwQz/8AyZQB0lFc39h8b/8AQw+H/wDwQz//ACZR9h8b/wDQw+H/APwQz/8AyZQB0lFc39h8b/8AQw+H/wDwQz//ACZR9h8b/wDQw+H/APwQz/8AyZQB0lFc39h8b/8AQw+H/wDwQz//ACZR9h8b/wDQw+H/APwQz/8AyZQB0lFc39h8b/8AQw+H/wDwQz//ACZR9h8b/wDQw+H/APwQz/8AyZQB0lFc39h8b/8AQw+H/wDwQz//ACZR9h8b/wDQw+H/APwQz/8AyZQB0lFc39h8b/8AQw+H/wDwQz//ACZR9h8b/wDQw+H/APwQz/8AyZQB0lFc39h8b/8AQw+H/wDwQz//ACZR9h8b/wDQw+H/APwQz/8AyZQA/wCIH/JNPE//AGCLv/0S1QfDL/klHhX/ALBFr/6KWq2seHvGOt6HfaVdeJNDSC+tpLaRo9CmDBXUqSCbsjOD6Gt3wzo3/COeFNK0Xz/tP9nWcVt52zZ5mxAu7bk4zjOMmgDUooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAKranYIsrPfWyiGQRSkzKPLc4wrc8E5HB9RSy6lYwJO817bxpb485nlUCLIyN3PHBB5rz3W/C+tXvxKj8S2+jRvZWc0MT2bTqGvsAj7TjfsBj3YUN8xAbodoqlrPw/1Nb7U30eymjtH1601BUhnjMs6LbhZCPNJG7zCT8+OmRzigD1A39mFgY3UAW4O2E+YMSnGcL68DPFNl1OwgjmknvbaNLdgkzPKoEbEAgMSeDgjg+teTW3gTxi2r+E9QvYLQw6ZdAi1jZIvskRR97MqfIzsSuSnHAwMZNW77wDqdudRh0zT5ks5PEKX6G3nia4Mf2UIZE81tpbfkESdRk4zg0AeozX1rb2Zu7i5hitgu4zPIFQD13HjFMGqWBnhhF9bGW4XfDGJl3SL6qM8j3FedR+FfE9t4N8M2stpa3Mek3MEsulQKFlKKjrgyvL5bEFg2OBkcHpVCz8F65Da6JAPDywXFtfQ3Uk6zwGIRh3Plyc+ZmNWIUISpJHbNAHqsup2MEU8k97bxx27bZmeVQIjgHDEng4IPPrTxeWxMIFxETOCYRvH7wDnK+vXtXlWofD7U7e4vDpVjOtmPEaagsVvPEZZ4vswRnUykqW35PzkHqRzirUXgTVntPD872MNtqcGm3VrcyxOiLBvjAjAVDtHOc7BjP4UAelWt/aXwc2V1BcCNtj+TIH2t6HHQ1PXn/wy8PazoP2hNWsTaxfZLaFWmFuZXkRSHw0PWPptDcj5uBXoFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRQTgZPSgDz3U/iVrK+KNU0jwz4Ju9eTS5Einuob2KJQ7IG24b0ziulTWtYa20V28NzrLfn/TIzcx/wDEvG3OWP8AHzx8teW/D3RfG2t2uo+JvD3im10qw1vVri8NtNpqzOw8woDvJzjagwK7C8uZLz44wRs7ta6HoT3EiqePNmkwOPXZGfzoA7+ivnjULWyvfhTe/E3xTruoRa7eLLLpv2e/eNLVixWKGNAcEcDcMf3s+tdnd2c1ne/DDwoZZCYc3VyxY5byIMDPrl3oA9UorzjSdZttb+NXiC/trvzbLw/pUdlIyNmPzHdpJPYkBQD6YxWF8OPC8Z8KwfEHxLe391er9o1K3t1uXEMEbb22hBwxIbJJz2HQUAeyUV8wW+k+MPHunprVzo2pDU9TlElnrk2vLbWtkjN8gigU5IAwMcknmvpm0jlhsoYriXzpUjVXkxjewHJoA4/xl8T9O8KXsenw2V1ql+08MEkcClY4GlI2CSQjAJBBCjLEc4xzXaqcqCRjI6V558Q8aj478C6CEDLNqT6jN7C3jypP/AmH5V2WuaDYeIrKO01RJHhjmScLHK0eWU5GSpGR7dKANKigDAwKKACvOtW+LYXxVd+HfB/hy/8AE9/YD/TDayJHFAeflLtxu46fX0Nei14h+zxNFb6h4z0y9dU1dNVeSaJz+8K9M+43A/n70AeseGdcl8Q6JHfXGlXukzF2SS0vUCyIynB6dQcZB7itevKPjt4lvNP8I6da6PqhsYtR1SOxvL23kAaBDncNw+6fX2Brm9Y0SH4Z/FfwRF4O1LUCusyvFf2c148yyp8o8wqSf7zHPT5eO9AHvdFeA6T4Wh8b/HDx7p2tajqa2EDRN9mtrtoldiCATjrt5wOnPOayPD/jTxBp/wCyzrN7b39xJd2t61nDcs5MkERZRw3XjcQD2yMdKAPpWivMvBPgvw/4T0y08SWuu6jJJNprS3LyXzSJdjaHaXYc8jGRj1rwvxRqph8MW/i/wrYeKIG+3AR+I9S1cMbggtlTED0yvbjgigD6g13xrpXh7xHo2iagLj7XrLslt5cYKgrjO4546+9dDXz/APF/wvpeqfF7wM18kxOruYrsid13BVULtwflPPbGa9303T7fSdLtdPsgy29rEsMQdy5CqMDLHknA6mgDm/D/AI9h1/x54g8MJYPDJouzdcGQES7s9Bjjp61xMPx6uriw1HVbbwLqNxo2mXDQXV7DdRsYyuMnYQD0IPpz1pfh1/ycH8RPrB/7NXA/DjR/HHiTwX4q0Lws2j22lX2rTRXd3eNJ5yZVNwRVBBBXHX1PTrQB9HeHtesPE/h+z1nSZDJaXkYkjLDBHsR2IPFZlr4subj4i3vhhtBvore1tlnXVWU+RKSF+RTjGfm9f4TVnwZ4Yh8G+DtO0G2lMy2UQQykY3t1Zsdskk4rz3w/czv+1Z4rgeaRoU0uDbGXJVfki6DoOp/OgD16ivlnwx4ZTxH8L/G+u6nquqtcaTe3Jso4710jidEV9+0dSScHPYcYr3b4T6neav8ACrQL3Up3uLmS0XfK5yz44yT3PHWgDsKK8N+Jlxpmv/EifQY9J8R+I9QtLNJJbGz1IWlragjO/ORlyGGc8dK2f2c9X1DVvhnJ/al1NctbX0kMbTyF2VAAQu49cZNAHU+OfiJbeDLnTdPi0261fV9UcpaWNqQGfHUljwB/9f0q94S8TX3iKC5Gq+HNQ0G6tXCPDd4ZXyM5R14YfSsL4k/Du38dXNhPYa3Jo3iHSwZbO4hbLBSf4lyDjI6j369K4LStQ8U/EDwr438BeJ547rWNEVfI1KyO0SuCxVTtwMkpjoOGORkUAe+UV816J4su/ilqnw98Ni4kEmmq13rO1yCxhbau7HrtBx6SVY8d2N9oPjzVPE3i+PVNT8PtcqllqekaoUbSiDjYYs4yDwc8ZHqaAPa9S8baVpXjbSvC10J/7R1WNpLfZHlMKGJ3HPH3T2roa+efH/hPQ9b/AGiPCUdws722t2jS3JFw6F9sb7SCDlfurwMfrR8SbnUtQ+L9n4Pi0vUtV0ex01ZItLs9R+ym4PHzs5OWx0xnPH1oA+hqK8G8MxeKtJ+FXj6w1+G8s7W2gmbTorq+W4mt42Q/uy6kngY6461xOs6HNo3wD0DxzZa5q410SxKsxvX2xxkMAirnAA2j68560AfV9FeCvo7eAPjf4Mj0nVdTuI9bt5F1Bbu7aX7QwRjvbPGc4PHpxjNe9UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUyeFbi3khkzskUo204OCMde1PooAoaJotj4e0W20rSojDZ2qbIkLFiB9TyagTQLOx1XVtasLYNqepRIszSSErJ5alUXHRRz29a1qKAPniw+GF5rGowWZ+GsXhvddpLe6jLqouYkRXDskEWTtL7cZHQcZxXsfivwB4c8araDxFYtcNZkmCSOZ4nQEYYbkIODjpXSUUAc5pXgHw5oel6np2kaeLO11RNlzHE7DI8vy+DnI+XuO/PWtjT9Ls9M0e30uzhCWVtAtvHEfmARRtC89ePWrdFAHD6V8HfA+i69Hq+n6N5dzDIZYVa5laOJz/EqFtoP4cdq7iiigDzeT4C+BJrn7RLZXzzZJ3tqU+eevO+u1u/D2n32s6bqlykjXWmBxbETMFXeNpyoOG49QcVp0UAFFFFABXHeJfhR4O8War/AGnq+k/8TDGGureeSF2GMfMUIzx3PNdjRQBzcfw88KReDz4WXRYP7GY5NqxY5bOd24ndu/2s596peGPhR4O8Ian/AGjouk7b1V2JcTzvM0a4xhd5O3j0rsaKAMTTPCOjaP4k1PXrC2aPUNV2/apDIxD7emFJwOvaq2jeAPDeg+GrvQLDTl/sy8dnnt5naQOWxn7xJ7CukooA47w18KPB3hK+lu9E0oxzSRNCTLcSShY2+8oDsQAaypPgJ8OpBOG0Jtsxzt+1zbYznJ2Ddhc47duK9GooA53xZ4D8O+NrK1tvEViblbN99u6SvG8R4BwykHsPyFbGmaba6PpVrpunx+Va2kSwwoWLbUUYAyeTwO9WqKAMTTPCGjaP4k1PXrC2aPUNV2/apDKzB9ucYUnA69qPC/hDRvB1pdW2gWzW8V3ctdTBpWfdIwAJ+YnHAHFbdFABWJbeENGtPGN54pgtmXVr2FYJ5vMYhkUAAbc4HCjt2rbooA5nTPh94c0jw/quiWFk0dhq0kkl3GZnJdnUKxBJyOAOla2haHYeG9DtdI0iIw2dqmyJGcsQPqeTWhRQByHib4WeEPF2sLquu6WZr0II2ljnkiMij+FtrDcO3NavhfwjovgzTZbDw7afZLWWZpmj8xmAY4zjJOBwOK2qKAOY8WfDrwz42nt7jxDYNNcWqlYZ4p3idAeoyhGR9aueFvB2g+C9NNh4a06OygZt77SWaRvVmYkk/U1t0UAeSfCHwFfaJ4s8V+JdZ0caVNqV4y2dsXVjHDuLZG0nGSQMf7PSuj1L4OeBtX8QSazqGiCW6mm8+ZftEgilkzne0YbaT68c967iigDmPFnw78M+NUtB4g07zmssi3eKZ4mjB6gFCOOOlR+Ivhn4T8VWtnDrOlCU2KCO2mjleOSJR0UOpBI9jmurooA5nSvh54Y0Xwxe6BpmmiCwv1ZbpfNdnl3DBJcktnHvUd58N/DN/wCCbbwndWLvo9qVaKDz3BBXOPmzk9T3rqqKAMPUPB2i6p4g0rWr22Z77SQwtJBKwCAjByAcHr3rcoooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAP/2Q==)

Figure Concat IP Pseudo Block Diagram

**Code**

<https://github.com/3keepmovingforward3/Embedded-System-Design-Sp19/blob/master/zynq_interrupts/zynq_interrupts.sdk/interrupt_counter/src/main.c>

/\* zynq\_interrupts.c

\*

\*

\* Created on: 2/20/2019

\* Author: Benjamin Blouin

\* Version: 1.0

\*/

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* VERSION HISTORY

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* v1.1 - 2/17/2019

\* Update code from Lab online repo

\* v1.0 - 2/17/2019

\* Working

\* v0.8 - 2/15/2019

\* First version created.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

#include "xparameters.h"

#include "xgpio.h"

#include "xtmrctr.h"

#include "xscugic.h"

#include "xil\_exception.h"

#include "xil\_printf.h"

#include "sleep.h"

// Parameter definitions

#define INTC\_DEVICE\_ID XPAR\_PS7\_SCUGIC\_0\_DEVICE\_ID

#define TMR\_DEVICE\_ID XPAR\_TMRCTR\_0\_DEVICE\_ID

#define BTNS\_DEVICE\_ID XPAR\_AXI\_GPIO\_0\_DEVICE\_ID

#define LEDS\_DEVICE\_ID XPAR\_AXI\_GPIO\_1\_DEVICE\_ID

#define SWTS\_DEVICE\_ID XPAR\_AXI\_GPIO\_2\_DEVICE\_ID

#define INTC\_GPIO\_INTERRUPT\_ID XPAR\_FABRIC\_AXI\_GPIO\_0\_IP2INTC\_IRPT\_INTR

#define INTC\_TMR\_INTERRUPT\_ID XPAR\_FABRIC\_AXI\_TIMER\_0\_INTERRUPT\_INTR

#define BTN\_INT XGPIO\_IR\_CH1\_MASK

#define TMR\_LOAD 0xFE000000 //0.3355 second

XGpio LEDInst, BTNInst, SWTInst;

XScuGic INTCInst;

XTmrCtr TMRInst;

static int led\_data;

static int btn\_value;

static int tmr\_count;

static int swi\_value;

volatile int countChange\_tmr=3;

volatile signed int sign=1;

volatile signed int signTwo=1;

volatile int sentinel = 0;

//----------------------------------------------------

// PROTOTYPE FUNCTIONS

//----------------------------------------------------

static void BTN\_Intr\_Handler(void \*baseaddr\_p);

static void TMR\_Intr\_Handler(void \*baseaddr\_p,void \*baseaddr\_p2);

static int InterruptSystemSetup(XScuGic \*XScuGicInstancePtr);

static int IntcInitFunction(u16 DeviceId, XTmrCtr \*TmrInstancePtr, XGpio \*GpioInstancePtr);

static inline void GPIOInit();

static inline void SetupTimer();

static inline void InitializeInterruptController();

static void resetErrorStates();

//----------------------------------------------------

// INTERRUPT HANDLER FUNCTIONS

// - called by the timer, button interrupt, performs

// - LED flashing

//----------------------------------------------------

void BTN\_Intr\_Handler(void \*InstancePtr)

{

// Disable GPIO interrupts

XGpio\_InterruptDisable(&BTNInst, BTN\_INT);

// Ignore additional button presses

if ((XGpio\_InterruptGetStatus(&BTNInst) & BTN\_INT) != BTN\_INT) {return;}

// Button read

btn\_value = XGpio\_DiscreteRead(&BTNInst, 1);

// Reassign for SW[2] case

if(btn\_value == 8 && swi\_value == 4){swi\_value=2;btn\_value=2;}

if(btn\_value == 4 && swi\_value == 4){swi\_value=1;btn\_value=1;}

if(swi\_value==0){} // Do nothing if switches are all off

else{

// Keeps timer max at 7

if((btn\_value==swi\_value)||(swi\_value == 4)){

if((sign==1) && (countChange\_tmr==7)){countChange\_tmr = 7;}

// Keeps timer minimum at 0

else if((sign==-1) && (countChange\_tmr==0)){countChange\_tmr=0;}

// Do nothing if switch-button combo mismatch

else if(swi\_value!=btn\_value){}

// Update value timer counts to, with ascend/descend controlled by sign value

else{countChange\_tmr = (countChange\_tmr + sign);}

}

}

// LED output sanity check

if((swi\_value!=0)&&(swi\_value==btn\_value)){

// Gives ~1sec LED output for current value timer counts to

XTmrCtr\_Stop(&TMRInst,0);

XGpio\_DiscreteWrite(&LEDInst, 1, countChange\_tmr);

/\* Global Timer is always clocked at half of the CPU frequency \*/

usleep(500000);

XTmrCtr\_Reset(&TMRInst,0);

XTmrCtr\_Start(&TMRInst,0);

}

(void)XGpio\_InterruptClear(&BTNInst, BTN\_INT);

// Enable GPIO interrupts

XGpio\_InterruptEnable(&BTNInst, BTN\_INT);

}

void TMR\_Intr\_Handler(void \*data,void \*InstancePtr)

{

// Checks if the specified timer counter of the device has expired. In capture

// mode, expired is defined as a capture occurred. In compare mode, expired is

// defined as the timer counter rolled over/under for up/down counting.

// When interrupts are enabled, the expiration causes an interrupt. This function

// is typically used to poll a timer counter to determine when it has expired.

if (XTmrCtr\_IsExpired(&TMRInst,0)){

// Once timer has expired countChange\_tmr times, stop, increment counter

// reset timer and start running again

// tmr\_count default=3, reset sets tmr\_count=3

if(tmr\_count == countChange\_tmr){

XTmrCtr\_Stop(&TMRInst,0);

tmr\_count = 0;

led\_data++;

XGpio\_DiscreteWrite(&LEDInst, 1, led\_data);

}

else if(tmr\_count > 7){tmr\_count=0;}else{tmr\_count++;} // Catch for infinite zero loop

}

// Given as fix by Lab TAs

XTmrCtr\_Reset(&TMRInst,0);

XTmrCtr\_Start(&TMRInst,0);

}

//----------------------------------------------------

// MAIN FUNCTION

//----------------------------------------------------

int main (void)

{

GPIOInit();

SetupTimer();

InitializeInterruptController();

XTmrCtr\_Start(&TMRInst, 0);

while(1){

swi\_value = XGpio\_DiscreteRead(&SWTInst,1);

if((swi\_value>>3)==1){resetErrorStates();} // Right shifting so only SW[3,1,0] is tested

else if ((swi\_value>>1)==1){sign = -1;} // SW[2] is not checked here as its behavior is

else if(swi\_value==1){sign = 1;} // Same as SW[1,0] excepted buttons are shifted left one

}; // Behavior is respective to position like SW[1,0]

return 0;

}

//----------------------------------------------------

// INITIAL SETUP FUNCTIONS

//----------------------------------------------------

int InterruptSystemSetup(XScuGic \*XScuGicInstancePtr)

{

// Enable interrupt

// The global interrupt must also be enabled by calling

// XGpio\_InterruptGlobalEnable() for interrupts to occur. This function will

// assert if the hardware device has not been built with interrupt capabilities.

XGpio\_InterruptEnable(&BTNInst, BTN\_INT);

// Enable the interrupt output signal. Interrupts enabled through

// XGpio\_InterruptEnable() will not be passed through until the global enable

// bit is set by this function. This function is designed to allow all

// interrupts (both channels) to be enabled easily for exiting a critical

// section. This function will assert if the hardware device has not been

// built with interrupt capabilities

XGpio\_InterruptGlobalEnable(&BTNInst);

Xil\_ExceptionRegisterHandler(XIL\_EXCEPTION\_ID\_INT,

(Xil\_ExceptionHandler)XScuGic\_InterruptHandler,

XScuGicInstancePtr);

Xil\_ExceptionEnable();

return XST\_SUCCESS;

}

int IntcInitFunction(u16 DeviceId, XTmrCtr \*TmrInstancePtr, XGpio \*GpioInstancePtr)

{

XScuGic\_Config \*IntcConfig;

int status;

// Interrupt controller initialization

IntcConfig = XScuGic\_LookupConfig(DeviceId);

status = XScuGic\_CfgInitialize(&INTCInst, IntcConfig, IntcConfig->CpuBaseAddress);

if(status != XST\_SUCCESS) return XST\_FAILURE;

// Call to interrupt setup

status = InterruptSystemSetup(&INTCInst);

if(status != XST\_SUCCESS) return XST\_FAILURE;

// Connect GPIO interrupt to handler

status = XScuGic\_Connect(&INTCInst,

INTC\_GPIO\_INTERRUPT\_ID,

(Xil\_ExceptionHandler)BTN\_Intr\_Handler,

(void \*)GpioInstancePtr);

if(status != XST\_SUCCESS) return XST\_FAILURE;

// Connect timer interrupt to handler

status = XScuGic\_Connect(&INTCInst,

INTC\_TMR\_INTERRUPT\_ID,

(Xil\_ExceptionHandler)TMR\_Intr\_Handler,

(void \*)TmrInstancePtr);

if(status != XST\_SUCCESS) return XST\_FAILURE;

// Enable GPIO interrupts interrupt

XGpio\_InterruptEnable(GpioInstancePtr, 1);

XGpio\_InterruptGlobalEnable(GpioInstancePtr);

// Enable GPIO and timer interrupts in the controller

XScuGic\_Enable(&INTCInst, INTC\_GPIO\_INTERRUPT\_ID);

XScuGic\_Enable(&INTCInst, INTC\_TMR\_INTERRUPT\_ID);

return XST\_SUCCESS;

}

void GPIOInit(){

//----------------------------------------------------

// INITIALIZE THE PERIPHERALS & SET DIRECTIONS OF GPIO

//----------------------------------------------------

// Initialize LEDs

XGpio\_Initialize(&LEDInst, LEDS\_DEVICE\_ID);

// Initialize Push Buttons

XGpio\_Initialize(&BTNInst, BTNS\_DEVICE\_ID);

// Initialize Push Buttons

XGpio\_Initialize(&SWTInst, SWTS\_DEVICE\_ID);

// Set LEDs direction to outputs

XGpio\_SetDataDirection(&LEDInst, 1, 0x0);

// Set Switches direction to outputs

XGpio\_SetDataDirection(&SWTInst, 1, 0xF);

// Set all buttons direction to inputs

XGpio\_SetDataDirection(&BTNInst, 1, 0xF);

}

void SetupTimer(){

//----------------------------------------------------

// SETUP THE TIMER

//----------------------------------------------------

//Initializes a specific timer/counter instance/driver. Initialize fields of

// the XTmrCtr structure, then reset the timer/counter.If a timer is already

// running then it is not initialized.

XTmrCtr\_Initialize(&TMRInst, TMR\_DEVICE\_ID);

// Sets the timer callback function, which the driver calls when the specified

// timer times out.

XTmrCtr\_SetHandler(&TMRInst, (void \*)TMR\_Intr\_Handler, &TMRInst);

// Set the reset value for the specified timer counter. This is the value

// that is loaded into the timer counter when it is reset. This value is also

// loaded when the timer counter is started.

XTmrCtr\_SetResetValue(&TMRInst, 0, TMR\_LOAD);

// Enables the specified options for the specified timer counter. This function

// sets the options without regard to the current options of the driver. To

// prevent a loss of the current options, the user should call

// XTmrCtr\_GetOptions() prior to this function and modify the retrieved options

// to pass into this function to prevent loss of the current options.

XTmrCtr\_SetOptions(&TMRInst, 0, XTC\_INT\_MODE\_OPTION | XTC\_AUTO\_RELOAD\_OPTION);

}

void InitializeInterruptController(){

// Initialize interrupt controller

IntcInitFunction(INTC\_DEVICE\_ID, &TMRInst, &BTNInst);

}

void resetErrorStates(){

// Reset happens when SW[3] is high and no other input

// Error state happens when SW[3] is high and any other input

XTmrCtr\_Stop(&TMRInst,0); // timer off for reset

XGpio\_InterruptDisable(&BTNInst, BTN\_INT); // interrupt off disables ISR

countChange\_tmr = 3; // reset what timer counts up to per reset state requirement

tmr\_count=0; // reset timer count

led\_data=0; // explicit led data reset

btn\_value=0; //explicit button value reset

XGpio\_DiscreteWrite(&LEDInst,LEDS\_DEVICE\_ID,0x0); // clear LEDs for reset state

// Checks for error state

if(XGpio\_DiscreteRead(&SWTInst,1)!=8||XGpio\_DiscreteRead(&BTNInst,1)!=0){

XGpio\_DiscreteWrite(&LEDInst,LEDS\_DEVICE\_ID,0x0);

sleep(1);

XGpio\_DiscreteWrite(&LEDInst,LEDS\_DEVICE\_ID,0xF);

sleep(1);

}

// Two seconds gives user enough time to remove error state

// Therefore, we can initialize/start the timer, and reinitialize buttons

XTmrCtr\_Reset(&TMRInst,0);

XTmrCtr\_Start(&TMRInst,0);

(void)XGpio\_InterruptClear(&BTNInst, BTN\_INT);

// Enable GPIO interrupts

XGpio\_InterruptEnable(&BTNInst, BTN\_INT);

// Leaving reset error state returns to infinite while loop that

// happens in the PS, which is fast enough to check switches again

// in case reset/error state happens again

}