



Q1-Q8=STD12NF06L (10A/60V)
 D1-D8=625-S1G (1A/100V)

JUMPER	FUNCTION
0	N/A. LEDS NOT SELECTED. INPUTS LED0-LED6 PASS TO OUTPUTS 0-6
1	INPUT LED0 IS LATCH SIGNAL FOR LED0-LED3. PASS TO OUTPUTS 0-3. INPUT LED4 IS LATCH SIGNAL FOR LED0-LED3. PASS TO OUTPUTS 4-7.
2	FLASHING PROGRAMMING ENABLED. INPUT LED4 IS LATCH SIGNAL FOR LED0-LED3. PASS TO OUTPUTS 0-3. INPUT LED4 IS LATCH SIGNAL FOR LED0-LED3. PASS TO OUTPUTS 4-7. WHEN INPUTS LED4 & LED5 GO HIGH AT THE SAME TIME FLASH RECORD MODE IS ENTERED. SET INPUT LED4 LOW THEN HIGH TO RECORD FLASH BITS. SET INPUT LED5 LOW THEN HIGH TO RECORD FLASH BITS (LED0-LED3).
3	N/A
4	N/A
5	N/A
6	N/A
7	N/A
8	DIAGNOSTIC. OUTPUTS 0-7 CYCLE ON 1 AT A TIME

NOTE: DOWNLOAD THE DOCUMENT 'ROKU_GPIO_INSTRUCTIONS.PDF' FOR DETAILED OPERATION

Comp.	HMS ELECTRONICS
no.	ROKU_GPIO_S.DBF
name	ROKU GPIO INTERFACE BOARD HIGH CURRENT DRIVERS (6 AMPS)
Eng	04-23-09
Engineer	Richard Harkley
Rev	1.0
	HMS Electronics

1 2 3 4

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