LQFP64 pin	name	v4.2.2	v4.2.7		
1	VBAT				
2	PC13-TAMPER-RTC				GPIO
3	PC14- OSC32_IN				GPIO
4	PC15- OSC32_OUT				GPIO
5	PD0-OSC_IN				
6	PD1-OSC_OUT				
7	NRST				
8	PC0				GPIO
9	PC1				GPIO
10	**PC2**	X_STEP_PIN	X_DIR_PIN	From firmware disassembly	
11	PC3	(X|Y|Z|E0)_ENABLE_PIN	(X|Y|Z|E0)_ENABLE_PIN	From firmware disassembly	
12	VSSA				
13	VDDA				
14	PA0-WKUP	FAN_PIN			
15	PA1	HEATER_0_PIN			
16	PA2	HEATER_BED_PIN			
17	PA3				
18	VSS_4				
19	VDD_4				
20	PA4	FIL_RUNOUT_PIN,ONBOARD_SD_CS_PIN			
21	PA5	X_STOP_PIN			
22	PA6	Y_STOP_PIN			
23	PA7	Z_STOP_PIN			
24	PC4	TEMP_BED_PIN			
25	PC5	TEMP_0_PIN			
26	PB0	SERVO0_PIN			
27	PB1	Z_PROBE_PIN			
28	PB2	BTN_ENC	BTN_ENC	From users compiling marlin	
29	PB10	BTN_EN1	BTN_EN1	From users compiling marlin	
30	PB11				
31	VSS_1				
32	VDD_1				
33	PB12	LCD_PINS_RS	LCD_PINS_RS	From users compiling marlin	
34	PB13	LCD_PINS_D4	LCD_PINS_D4	From users compiling marlin	
35	PB14	BTN_EN2	BTN_EN2	From users compiling marlin	
36	PB15	LCD_PINS_ENABLE	LCD_PINS_ENABLE	From users compiling marlin	
37	PC6	BEEPER_PIN			
38	PC7	SD_DETECT_PIN			
39	PC8				SDCard D0
40	PC9				SDCard D1
41	PA8				
42	PA9	USART1_TX	USART1_TX	From users compiling marlin	
43	PA10	USART1_RX	USART1_RX	From users compiling marlin	
44	PA11	IIC_EEPROM_SDA			
45	PA12	IIC_EEPROM_SCL			
46	PA13				SWDIO
47	VSS_2				
48	VDD_2				
49	PA14				SWCLK
50	PA15				
51	PC10				SDCard D2
52	PC11				SDCard D3
53	PC12				SDCard CE
54	PD2				SDCard CMD
55	PB3	E0_DIR_PIN	E0_STEP_PIN	From firmware disassembly	
56	PB4-NJTRST	E0_STEP_PIN	E0_DIR_PIN	From firmware disassembly	
57	PB5	Z_DIR_PIN	Z_STEP_PIN	From firmware disassembly	
58	PB6	Z_STEP_PIN	Z_DIR_PIN	From firmware disassembly	
59	PB7	Y_DIR_PIN	Y_STEP_PIN	From firmware disassembly	
60	BOOT0				
61	PB8	Y_STEP_PIN	Y_DIR_PIN	From firmware disassembly	
62	PB9	X_DIR_PIN	X_STEP_PIN	From firmware disassembly	
63	VSS_3				
64	VDD_3				

Key

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