

Pin	Features				Microchip board-dm320103
1	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SSD1963-D5	RPE5/U2TX—MBUS2-TX
2	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SSD1963-D6	RE6/LED2***
3	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SSD1963-D7	RE7/LED3***
4	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SPI2 CLOCK	RPG6/SCK2—MBUS2-SCK
5	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SPI2 OUT	RPG7/SDI2—MBUS2-MISO
6	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	CONSOLE RX	RPG8/SDO2—MBUS2-MOSI
7	MCLR				MCLR
8	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SPI1 OUT	RPG9/SS2—MBUS2-CS
9	GND				
10	VDD				
11	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	COM2 TX	RPB5/VBUSON
12	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT		AN4/RB4—MBUS1-AN
13	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	COM2 RX	RB3/LED_G***
14	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT		RB2/LED_B***
15	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	COM1 TX	RB1/BT_WAKEUP
16	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	COM3 TX	RB0/RST N
17	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	COM3 RX	PGC2--ICSP
18	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT		PGD2--ICSP
19	AVDD				
20	AGND				
21	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT		RPB8/REFCLKO
22	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT		RPB9/U2RX—MBUS2-RX
23	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	COUNT	RB10/LED_R***
24	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SSD1963-WR	AN11/RB11—MBUS2-AN
25	GND				
26	VDD				
27	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SSD1963-RS	RB12/MCU_WAKE
28	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SSD1963-RESET	RB13—J17-3
29	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	COM1 ENABLE	AN14/RB14—MBUS1-PWM
30	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT		RPB15/RST2—MBUS2-RST
31		DIGITAL_IN	DIGITAL_OUT	5V	RPF4/SDA2—MBUS2-SDA
32		DIGITAL_IN	DIGITAL_OUT	5V	RPF5/SCL2—MBUS2-SCL
33		DIGITAL_IN		5V	RPF3/USBID
34	USB+5V				VBUS_TARGET
35	VDD				
36	USB D-				USB_N
37	USB D+				USB_P
38	VDD				
39	OSC1				OSC1
40	OSC2				OSC2
41	GND				
42		DIGITAL_IN	DIGITAL_OUT	PWM1B-5V	RPD8—MBUS2-PWM
43		DIGITAL_IN	DIGITAL_OUT	I2C DATA-5V	RPD9/SDA1—MBUS1-SDA
44		DIGITAL_IN	DIGITAL_OUT	I2C CLOCK-5V	RPD10/SCL1—MBUS1-SCL
45		DIGITAL_IN	DIGITAL_OUT	SPI1 IN -5V	RD11/VBUS_FAULT
46		DIGITAL_IN	DIGITAL_OUT	5V	RPD0/INT0—MBUS2-INT
47		DIGITAL_IN	DIGITAL_OUT	SPI2IN-PWM2B	32K QUARTZ
48		DIGITAL_IN	DIGITAL_OUT	PWM1A	32K QUARTZ
49	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	COUNT	RPD1/INT—MBUS1-INT
50	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SPI1 CLOCK	RPD2/SCK1—MBUS1-SCK
51		DIGITAL_IN	DIGITAL_OUT	COUNT- WU- IR	RPD3/SDI1—MBUS1-MISO
52		DIGITAL_IN	DIGITAL_OUT	COUNT -5V	RPD4/SS1—MBUS1-CS
53		DIGITAL_IN	DIGITAL_OUT	PWM2A-5V	RPD5/SDO1—MBUS1-MOSI
54		DIGITAL_IN	DIGITAL_OUT	KEYB CLOCK -5V	RD6/SW1--***NYOMOGOMB
55		DIGITAL_IN	DIGITAL_OUT	KEYB DATA -5V	RD7/STBY_RST
56	VCAP				
57	VDD				
58		DIGITAL_IN	DIGITAL_OUT	CONSOLE TX	RPF0/U1TX—MBUS1-TX
59		DIGITAL_IN	DIGITAL_OUT	COM1RX-5V	RPF1/U1RX—MBUS1-RX
60		DIGITAL_IN	DIGITAL_OUT	SSD1963-D0 5V	RE0 —J17-6
61		DIGITAL_IN	DIGITAL_OUT	SSD1963-D1 5V	RE1--J17-5
62	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SSD1963-D2	RE2—J17-4
63		DIGITAL_IN	DIGITAL_OUT	SSD1963-D3 5V	PWM1C RPE3/RST-MBUS1-RST
64	ANALOG_IN	DIGITAL_IN	DIGITAL_OUT	SSD1963-D4	RE4/LED4--***