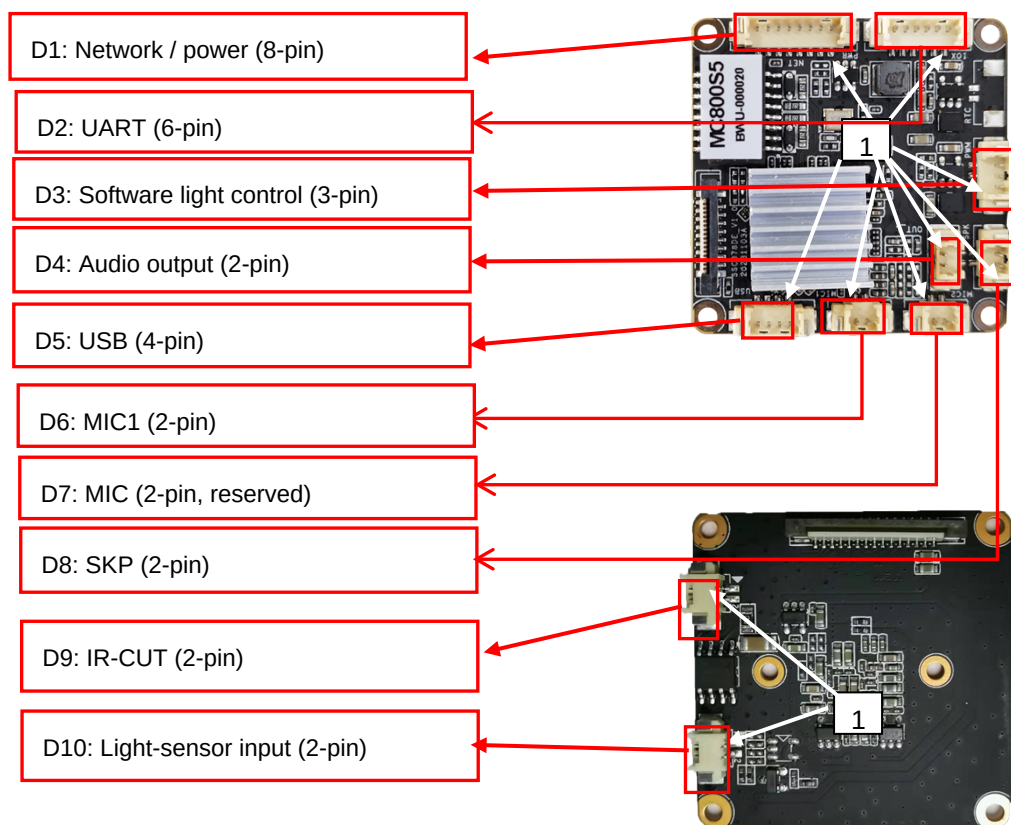


MC800S5 Wiring Diagram



Note: White arrows indicate pin 1.

Connector pin definitions

Code	Interface function	No.	Pin definition	Pin function
D1	8-pin network & power interface	1	DC 12V+	12 V DC input
		2	GND	Ground
		3	RJ45_6	Ethernet RX differential signal, RJ6
		4	RJ45_3	Ethernet RX differential signal, RJ3
		5	RJ45_2	Ethernet TX differential signal, RJ2
		6	RJ45_1	Ethernet TX differential signal, RJ1
		7	REST	Hardware reset
		8	LED+	Network status LED positive
D2	6-pin UART interface	1	GND	Ground
		2	AF_TX	Autofocus interface
		3	AF_RX	NC
		4	AF_TX	Reserved
		5	AF_RX	Reserved
		6	SPK_EN	Amplifier I/O
D3	3-pin software light-control interface	1	PWM0	Software-controlled warm light
		2	PWM1	Software-controlled infrared light
		3	GND	Ground
D4	2-pin audio output	1	AUDIO_OUT	Audio output
		2	GND	Audio ground

D5	4-pin USB interface	1	USB 3.3V	Reserved
		2	USB_DP	
		3	USB_DM	
		4	GND	
D6	2-pin MIC	1	MIC+	Main microphone
		2	MIC-	
D7	2-pin MIC	1	MIC+	Auxiliary microphone
		2	MIC-	
D8	2-pin SPK	1	SKP+	Speaker, 8 ohm / 2 W
		2	SPK-	
D9	2-pin IR-CUT interface	1	IR-CUT control	Output
		2	IR-CUT control	Output
D10	2-pin LED board light-sensor input interface	1	CDS IN	Infrared light control signal input
		2	GND	Ground