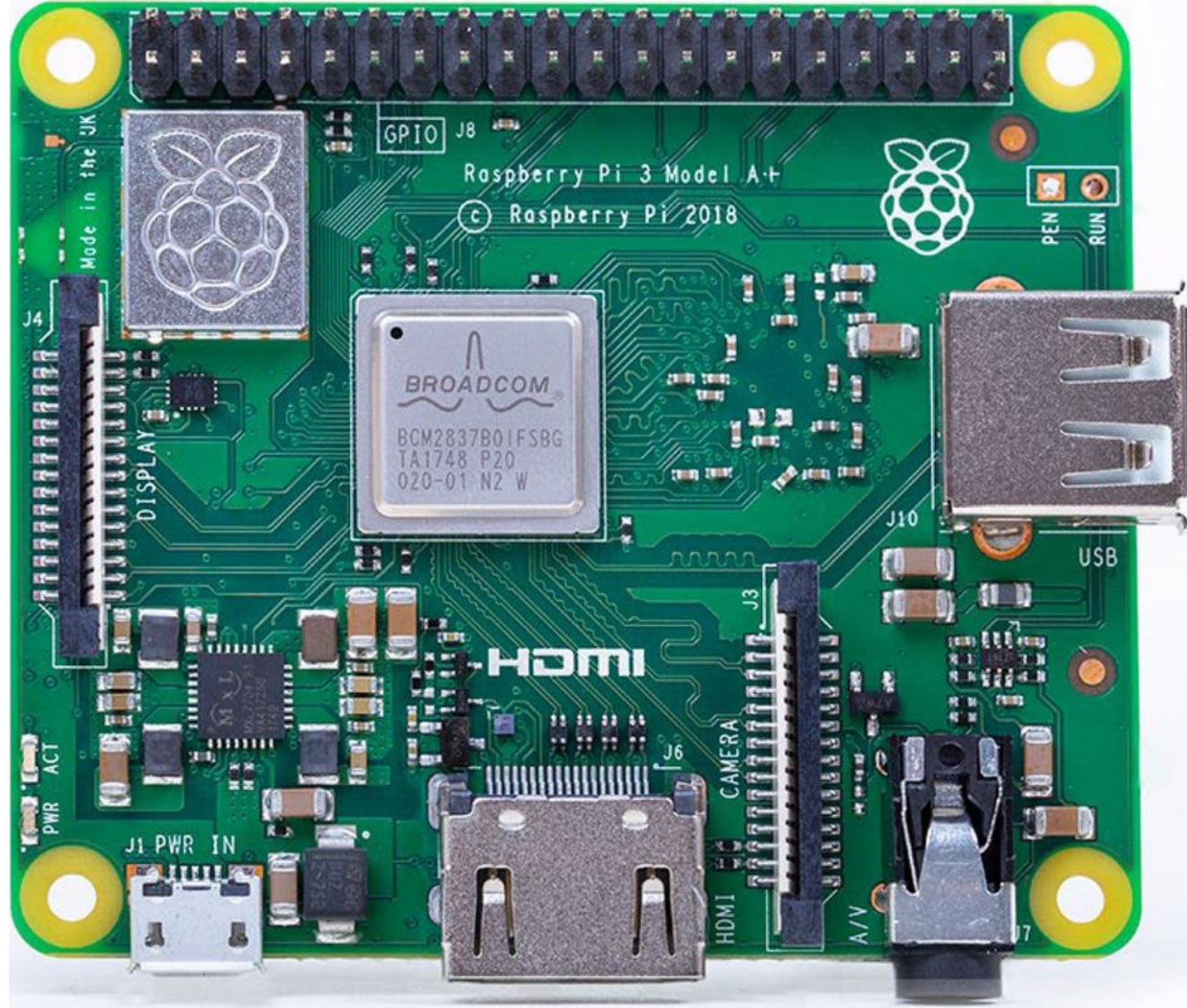


A high-angle, close-up photograph of a Raspberry Pi 3 Model A+ single-board computer. The green PCB is populated with various components, including a large silver heat sink over the SoC, a black USB Type-C port, a black Ethernet port, and a black 3.5mm audio jack. A white temperature sensor module is plugged into the I2C header. The board is shown at an angle, highlighting its compact design and various ports.

Wir bauen einen Raspberry Pi
mit Temperatursensor





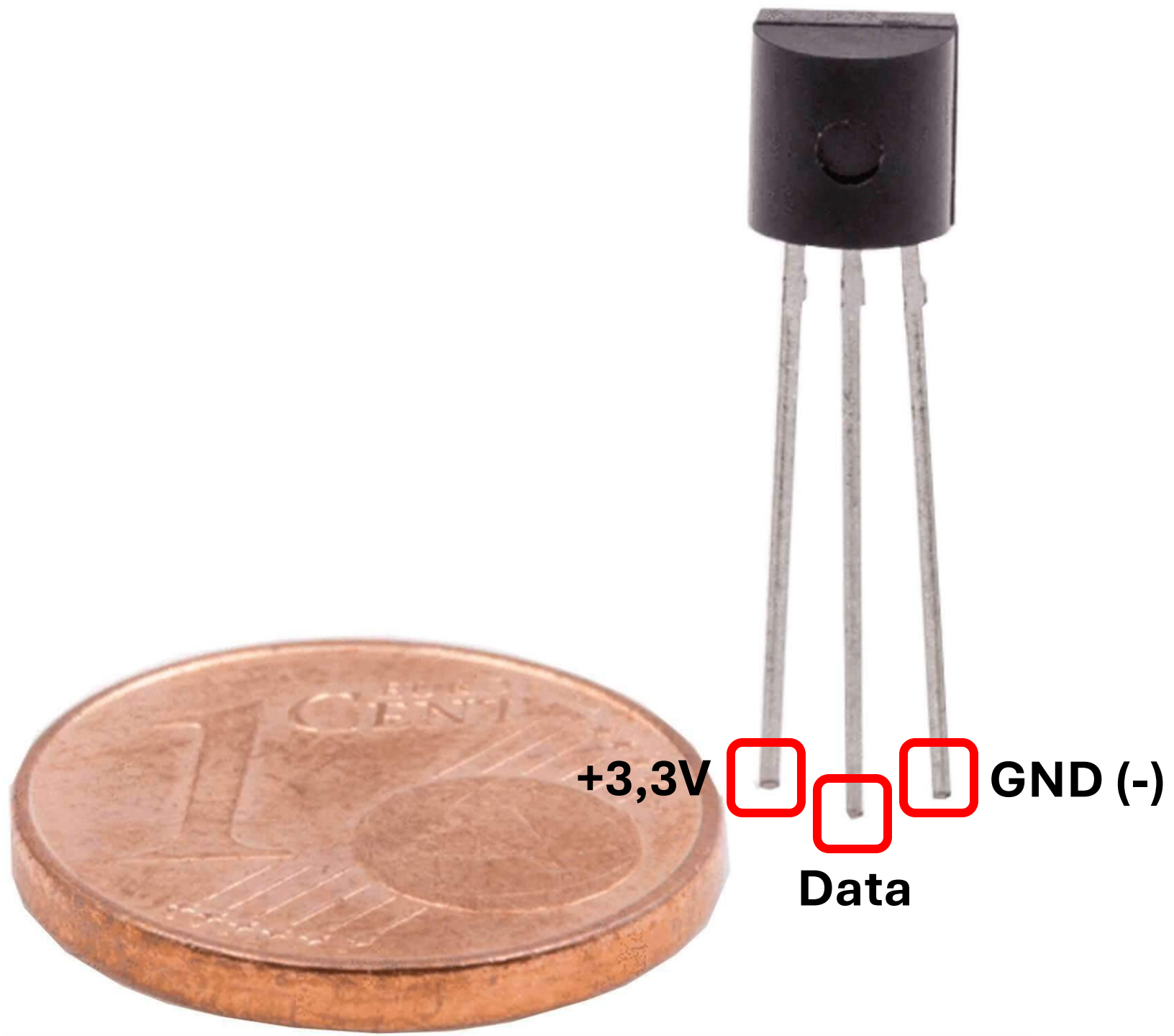










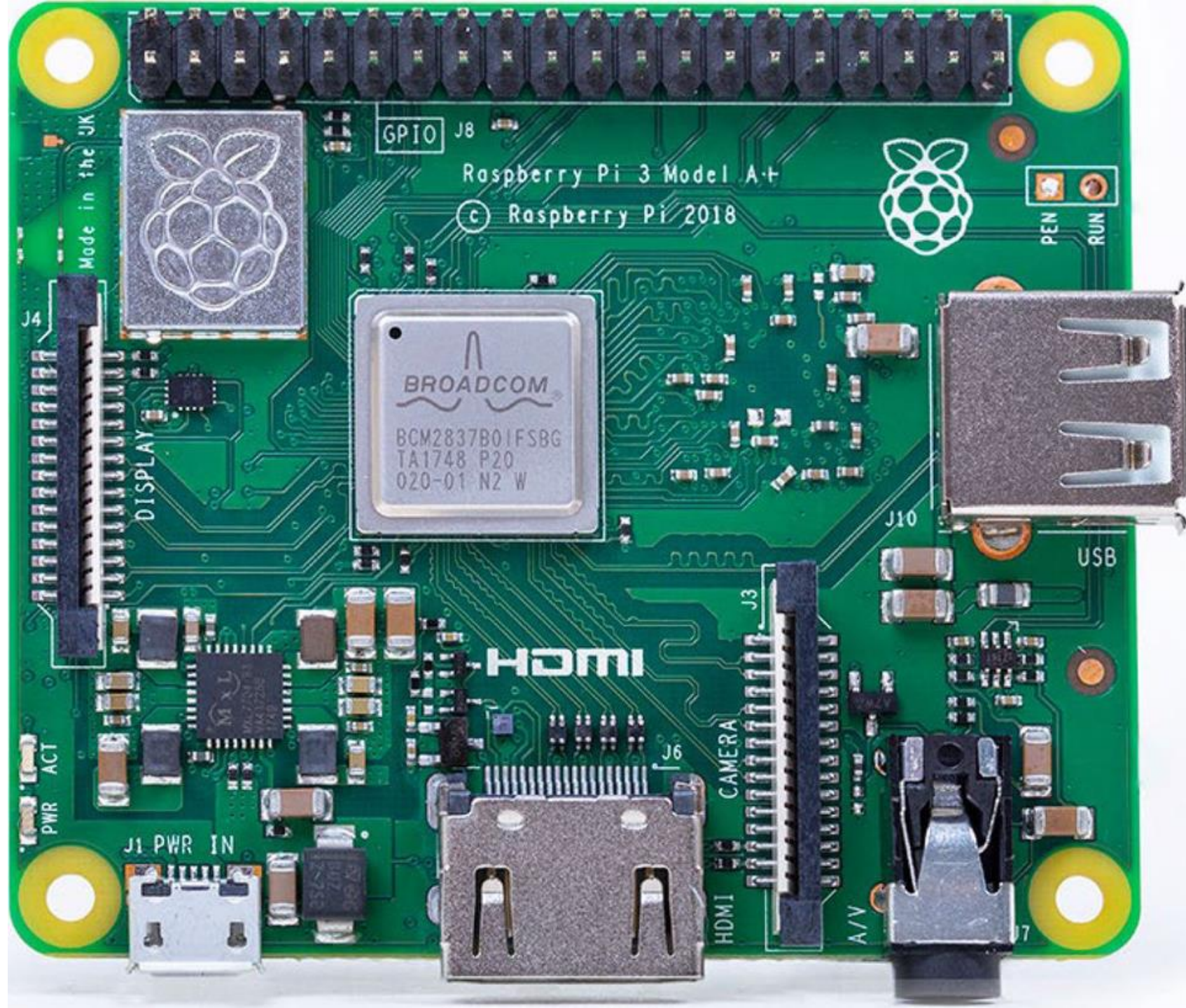






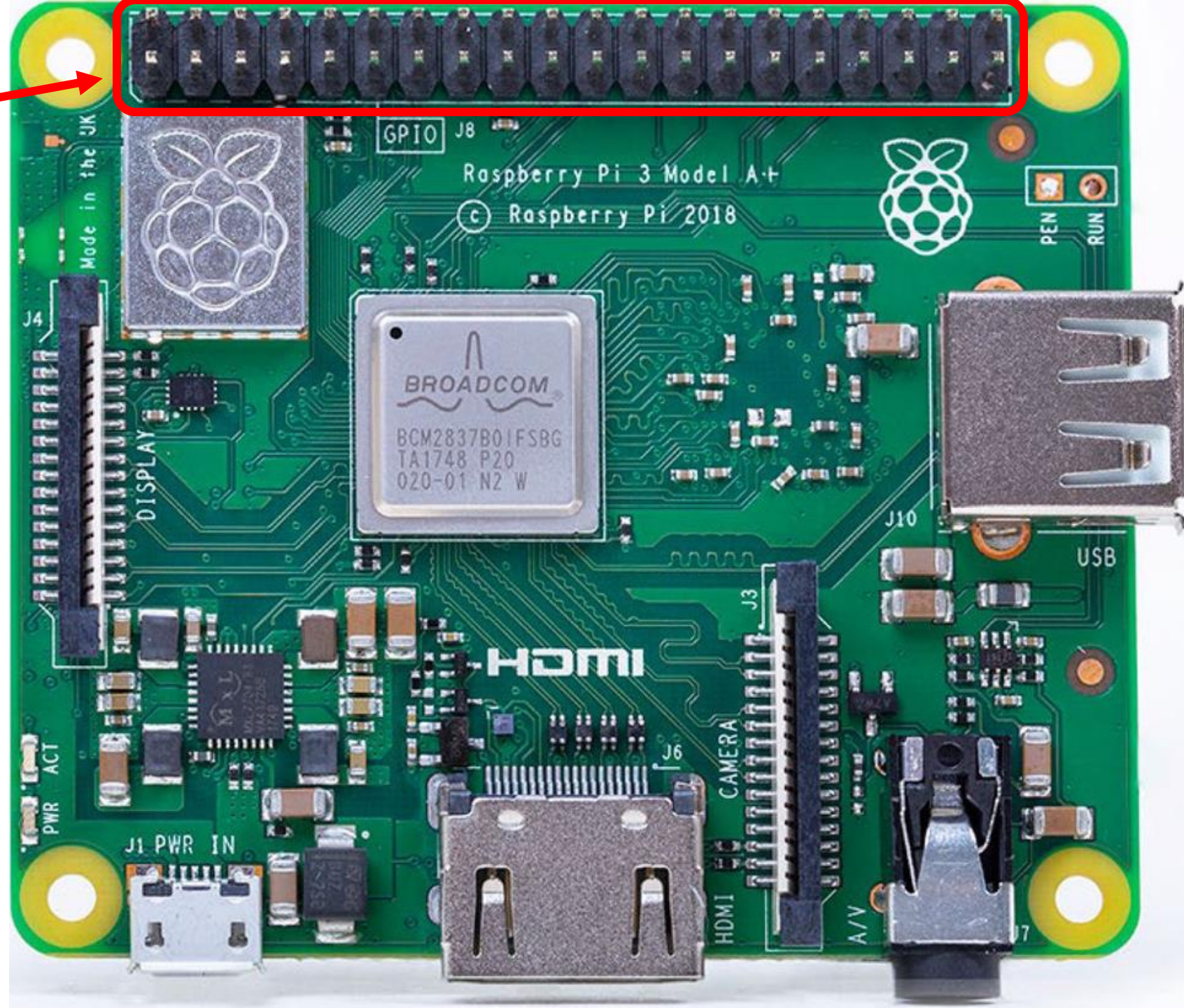


Data   +3,3V
 GND (-)



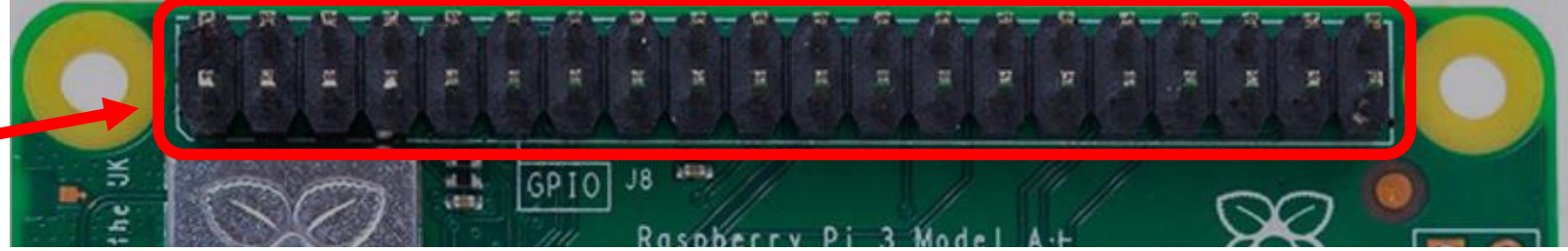
GPIO-Leiste

GPIO für engl. **General Purpose Input/Output**, wörtlich Allzweckeingabe/-ausgabe



GPIO-Leiste

GPIO für engl. **General Purpose Input/Output**, wörtlich Allzweckeingabe/-ausgabe



Pi Model B/B+																										Pi Model B+													
3V3 Power	GPIO2 SDA1 I2C	GPIO3 SCL1 I2C	GPIO4	Ground	GPIO17	GPIO27	GPIO22	3V3 Power	GPIO10 SPI0_MOSI	GPIO9 SPI0_MISO	GPIO11 SPI0_SCLK	Ground	ID_SD I2C ID EEPROM	GPIO5	GPIO6	GPIO13	GPIO19	GPIO26	Ground	ID_SC I2C ID EEPROM	Ground	GPIO12	Ground	GPIO16	GPIO20	GPIO21													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
5V Power	5V Power	Ground	GPIO14 UART0_TXD	GPIO15 UART0_RXD	GPIO18 PCM_CLK	Ground	GPIO23	GPIO24	Ground	GPIO25	GPIO8 SPI0_CE0_N	GPIO7 SPI0_CE1_N	ID_SC I2C ID EEPROM	Ground	GPIO12	Ground	GPIO16	GPIO20	GPIO21																				

