



LED-PWR R12 680,1% Power LED1 LED-RED, RA

LED-PTT R13 680,1% PTT LED2 LED-RED, RA

LED-RT R15 680,1% Sync LED3 LED-GRN, RA

LED-ERR R16 680,1% Clip/Error LED4 LED-YEL, RA

GND

VDD

R4 4.7K,1%

TEST

J1 JMP-2PIN

GND

		U1A		STM32F405	
	AIN1	23	PA0	PE0	97 PE0
	AIN2	25	PA1	PE1	98 PE1
		26	PA2	PE2	1 PE2
	DAC1 OUT	29	PA3	PE3	2 PE3
	DAC2 OUT	30	PA4	PE4	3
		31	PA5	PE5	4
		32	PA6	PE6	5
		67	PA7	PE7	38
	VBUS	68	PA8	PE8	39
	OTG_ID	69	PA9	PE9	40
	OTG_DM	70	PA10	PE10	41
	OTG_DP	71	PA11	PE11	42
	SWDIO	72	PA12	PE12	43
	SWCLK	76	PA13	PE13	44
P9	NSS	77	PA14	PE14	45
			PA15	PE15	46
		35	PB0	PD0	81 SELECT
	BOOT1	36	PB1	PD1	82 BACK
		37	PB2	PD2	83
		89	PB3	PD3	84
		90	PB4	PD4	85
	SCL	91	PB5	PD5	86 OTG_OVR_CUR
		92	PB6	PD6	87
		93	PB7	PD7	88 BOOT0
	SDA	95	PB8	PD8	55 EXT-PTT
	USART3_TX	96	PB9	PD9	56 TEST
	USART3_RX	47	PB10	PD10	57 CPPT
		48	PB11	PD11	58
		52	PB12	PD12	59 LED-PWR
		53	PB13	PD13	60 LED-PTT
		54	PB14	PD14	61 LED-RT
			PB15	PD15	62 LED-ERR
	OTG_PWR_ON	15	PC0		
		16	PC1		
		17	PC2	PH0	12 OSC IN
		18	PC3	PH1	13 OSC OUT
		33	PC4		
		34	PC5		
		63	PC6		
		64	PC7	PC14	8
		65	PC8	PC15	9
		66	PC9		
P10	SCK	78	PC10	NRST	14 NRST
P11	MISO	79	PC11		
P12	MQSI	80	PC12		
		7	PC13	BOOT0	94 BOOT0

3.3V TTL Levels

CN11 HDR100-3

USART3 TX

USART3 RX

1

2

3

GND

[illegible]

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