





Variant: Creation Dat Print Date:		MainBoard.PrjPcb MainBoard.PrjPcb None			
Print Date:		None 10:36		-	
Print Date:	15-Jan-19	10:36:58 AM	-		
Footprint 5020 BUZZE		LibRef BUZZER	Designator BEEP1	Description	Quanti
C 0603 C 0603	2.2uF 10V/0603 2.2uF 10V/0603 22pF 10V/0603	С	C2 C3		
C 0603 C 0603	22pF 10V/0603 1uF 10V/0603		C4 C5		
C 0603	100nF 10V/0603	С	C6		
C 0603 C 0603	4.7uF 10V/0603	С	C7 C8		
C 0603 C 0603	100nF 10V/0603		C9 C10		
C 0603 C 0603	100nF 10V/0603		C11 C12		
C 0603 C 0603	100nF 10V/0603		C13 C14		
C 0603 C 0603	100nF 10V/0603		C15 C16		
C 0603 C 0603	1uF 50V/0603 1uF 50V/0603	c c	C17 C18		
CD C(6032) C 1206	22uF 35V/6032 4.7uF 50V/1206		C19 C20		
C 1206 C 0603	4.7uF 50V/1206	c c	C21		
C 0603 CD C(6032)	100nF 50V/0603 22uF 35V/6032		C23		
C 0603 C 0603	22uF 25V/0603 22uF 25V/0603	С	C25		
C 0603	22uF 25V/0603	С	C27		
C 0603		С	C28 C29		
C 0603 C 0603	100nF 25V/0603 270pF 50V/0603	С	C30		
C 0603 C 0603	10nF 50V/0603 1uF 16V/0603	С	C32 C33		
C 0603 C 0603	1uF 16V/0603 470pF 50V/0603	c c	C34 C35		
C 0603 C 0603	3.3nF 25V/0603		C36 C37		
C 0603 C 0603	12pF 25V/0603 100nF 50V/0603		C38 C39		
C 0603 C 0603	22uF 25V/0603 22uF 25V/0603		C40 C41		
C 0603	22uF 25V/0603 22uF 25V/0603	С	C42 C43		
C 0603	100nF 25V/0603 22uF 10V/0603	С	C44 C45		
C 0603 C 0603	22uF 10V/0603	С	C46		
C 0805 C 0805	4.7uF 50V/0805 4.7uF 50V/0805	С	C48 C49		
C 0805 C 0805	4.7uF 50V/0805 4.7uF 50V/0805	С	C50 C51		
C 0603	47pF 50V/0603	С	C52		
C 0603 C 0603	4.7nF 50V/0603	С	C53		
C 0603 SOD-523	100nF 10V/0603 RB521S-30	RB521S-30	C55 D1	30V 200mA VF=0.5	
SOD-523 SMB	RB521S-30 SS54	RB521S-30 SS54	D2 D3	30V 200mA VF=0.5 5A 40V	
SMB SOD-523	SS54 RB521S-30	SS54 RB521S-30	D4 D5	5A 40V 30V 200mA VF=0.5	
WE-HCI_10	5 16 uH, 5 A I 6.8uH 4.5A	7443251600 L-SMD	L1 L2	SMT Flat Wire High Current Inductor WE PCMC063T-6R8M	
LED 0603 LED 0603	BLUE BLUE	LED LED	LED1 LED2		
LED 0603 LED 0603	BLUE BLUE	LED LED	LED3 LED4		
LED 0805 PH2.0-WS-4	RED PH2.0 4P	LED Header 4P	LED5 P1	4P	
GH1.25_2P GH1.25_2P		CAN 2P_1 CAN 2P_1	P2 P3		
GH1.25_2P GH1.25_2P	6020 CAN1_	CAN 2P_1 CAN 2P_1	P4 P5		
PH2.0-WS-4 XT30	PH2.0-4P 24V	Header 4P XT30	P6 P7	4P XT30	
XT30 PH2.0-WS-8	12V BI PH2.0-8P	XT30 Header 8P	P8 P9	XT30 8P	
XT30 XT30	24V 12V	XT30 XT30	P10	XT30 XT30	
HDR2.54-WI		Header 3P Header 4P	P12 P13	3P 4P	
PH2.0-WS-4		Header 4P CAN 2P_1	P14 P15	4P	
GH1.25_2P HDR2.54-LI-	f Header 6P	CAN 2P_1 Header 6P	P17	6P	
HDR2.54-LI- XT60		Header 6P	P18	6P XT60	
HDR2.54-LI-	6 Header 6P	Header 6P	P20	6P	
TO252 TO252	AOD4184L AOD4184L	AOD4184L AOD4184L	Q1 Q2	N 40V/50A MOSFET N 40V/50A MOSFET	
SOT23 SOT23	MMBT3904LT1	MMBT3904LT1 MMBT3904LT1	Q4	40V 200mA 40V 200mA	
R 0603 R 0603	10K 1%/0603 10K 1%/0603	R R	R1 R2		
R 0603	10K 1%/0603 10K 1%/0603	R R	R3 R4		
R 0603 R 0603	10K 1%/0603 10K 1%/0603	R R	R5 R6		
R 0603 R 0603	120R 1%/0603 10K 1%/0603	R R	R7 R8		
R 0603 R 0603	10K 1%/0603 10K 1%/0603	R R	R9 R10		
R 0603 R 0603	1M 1%/0603 100K 1%/0603	R R	R11 R12		
R 0603 R 0603	12.4K 1%/0603 511K 1%/0603	R R	R13 R14		
R 0603 R 0603	10R 1%/0603 10K 1%/0603	R R	R15 R16		
R 0603 R 0603	18K 1%/0603 0R 1%/0603	R R	R17		
R 0603 R 0805	10K 1%/0603 10MR	R R	R19 R20		
R 0603 R 0603	OR 1%/0603 1.5K 1%/0603	R R	R21 R22		
R 0603 R 0603 R 0603	1.5K 1%/0603 13.3K 1%/0603 40.2K 1%/0603	R	R23		
R 0603	390K 1%/0603	R	R24 R25		
R 0603 R 0603	16.9K 1%/0603 68K 1%/0603	R	R26 R27		
R 0603 R 0603	243K 1%/0603 7.68K 1%/0603		R28 R29		
R 0603 R 0805	1K 1%/0603 0R 1%/0805	R R	R30 R31		
R 0603 R 0603	22R 1%/0603 22R 1%/0603	R R	R32 R33		
R 0603 R 0603	120R 1%/0603 4.7K 1%/0603	R	R34 R35		
R 0603 R 0603	4.7K 1%/0603 NC /0603	R R	R36 R37		
R 0603 R 0603	510R 1%/0603 10K 1%/0603	R R	R39 R40		
TEST 1.2 TEST 1.2	TEST TEST	TEST TEST	TP1 TP2		
TEST 1.2	TEST STM32F407VE	TEST	TP3	ARM Cortex-M4 32b MCU+FPU, 210DM	
SOP8		SN65HVD234DF	U2	3.3V CAN Wide Range Synchronous Buck Controller	
SOP8_EP SOT223	TPS54540 AMS1117	TPS54540 AMS1117	U4 U5	4.5-42V 5A BUCK 5V->3.3V	
SOP8 USB-MICRO	SN65HVD234DI	SN65HVD234DF USB-5P	***************************************	3.3V CAN	
OSC 5032-2		XTAL	X1		

Altium Limited Confidential Page 1