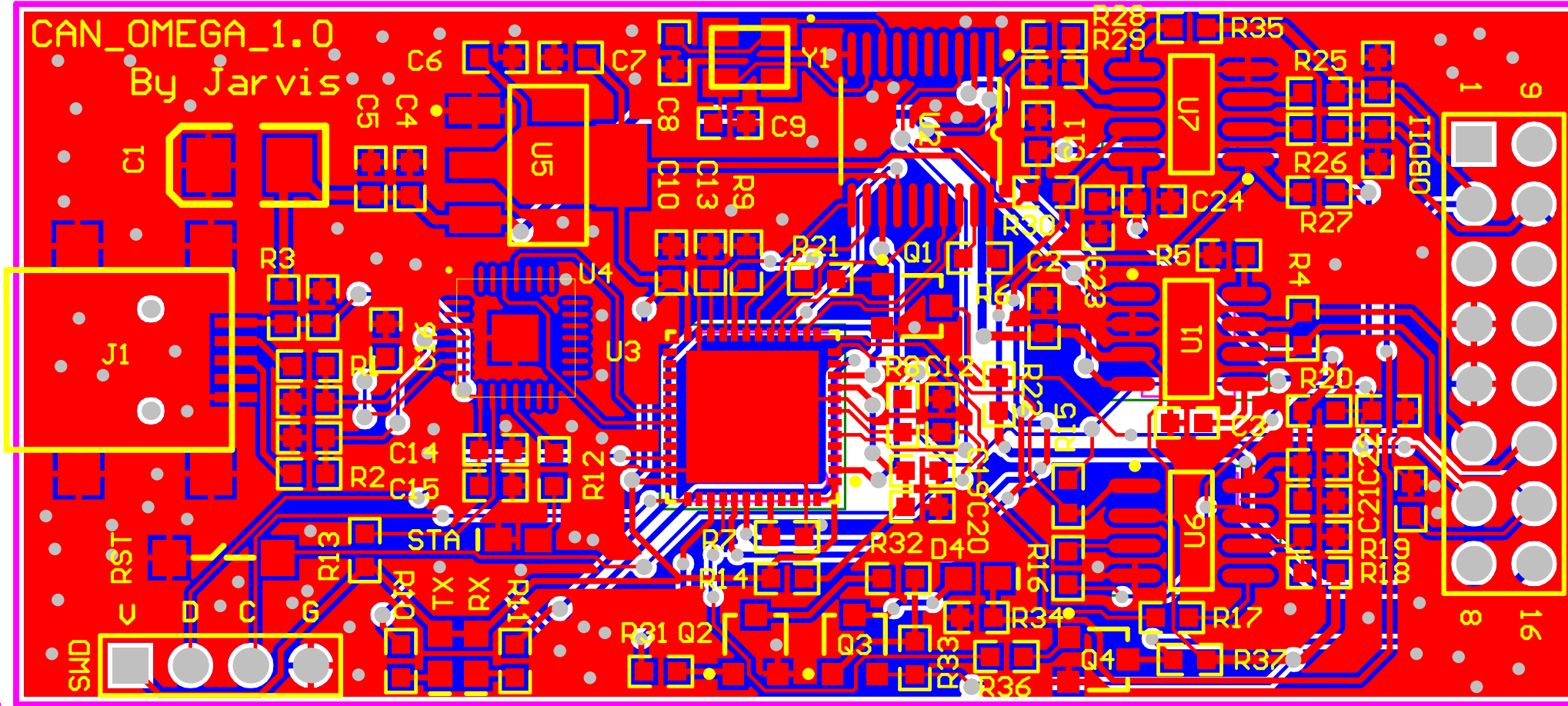


Title		
Size	Number	Revision
A3		
Date:	2016/7/30	Sheet of
File:	D:\PCBs\CAN OMEGA\CAN Omega.Sch	Drawn By:

65.79

29.72



Bill of Materials

<Parameter Title not found>

Source Data From: CAN_Omega.PrjPCB
 Project: CAN_Omega.PrjPCB
 Variant: None

Creation Date: 2016/7/30 13:15:11
 Print Date: 30-Jul-16 1:15:17 PM

Footprint	Comment	LibRef	Designator	Description	Quantity
3528	47uF	Cap Pol1	C1	Polarized Capacitor (Radial)	1
0603	104	Cap	C2, C3, C5, C7, C10, C11, C12, C15, C16, C17, C18, C20, C21, C24	Capacitor	14
0603	106	Cap	C4, C6	Capacitor	2
0603	22pF	Cap	C8, C9	Capacitor	2
0603	4.7uF	Cap	C13, C19	Capacitor	2
0603	1uF	Cap	C14	Capacitor	1
0603	106/25V	Cap	C22, C23	Capacitor	2
CD1608-0603	STA	LED0	D1	Typical INFRARED GaAs LED	1
CD1608-0603	RLED	LED0	D2	Typical INFRARED GaAs LED	1
CD1608-0603	GLLED	LED0	D3	Typical INFRARED GaAs LED	1
CD1608-0603	RB521S-30	Diode 1N4001	D4	1 Amp General Purpose Rectifier	1
USB-MINI	USB-MINI	USBCON	J1		1
HDR2X8_CE	Header 8X2A	Header 8X2A	OBDII	Header, 8-Pin, Dual row	1
N					
0603	PGB1010603M	WEN_YA_GUA	PGS1, PGS2, PGS3, PGS4, PGS5, PGS6, PGS7		7
SOT-23B	S8050	NPN	Q1, Q2, Q4	NPN Bipolar Transistor	3
SOT-23B	S8550	PNP	Q3	PNP Bipolar Transistor	1
0603	22R	Res1	R1, R2	Resistor	2
0603	0	Res1	R3, R14	Resistor	2
0603	120	Res1	R4	Resistor	1
0603	1k	Res1	R5	Resistor	1
0603	10k	Res1	R6, R7, R8, R9, R16, R17, R18, R25, R26, R33, R34, R35, R37	Resistor	13
0603	5.1k	Res1	R10, R11, R12, R15, R21, R27, R30, R31, R32, R36	Resistor	10
0603	4.7k	Res1	R13	Resistor	1
0603	2k	Res1	R19	Resistor	1
0603	510	Res1	R20, R22	Resistor	2
0603	1.1k	Res1	R28	Resistor	1
0603	3.9k	Res1	R29	Resistor	1
AN34	SW1	KEY	RST		1
HDR1X4	Header 4	Header 4	SWD	Header, 4-Pin	1
SOIC8_L	MCP2562FD	MCP2562FD	U1	High-Speed CAN Flexible Data Rate Transceiver	1
TSSOP20	MCP251x(FD)	MCP251x(FD)	U2	Stand-Alone CAN Controller With SPI(TM) Interface	1
UFQFPN48	STM32F411CE	STM32F411CE	U3	ARM Cortex-M4 32b MCU+FPU, 125 DMIPS, 512KB Flash, 128KB RAM, USB OTG FS, 11 TIMs, 1 ADC, 13 comm. interfaces	1
QFN28-CP2102	CP2102	CP2102	U4	SINGLE-CHIP USB TO UART BRIDGE	1
SOT-223	LM1117-3.3	LM1117-3.3	U5	3.3V-Power	1
751-02_N	LM393D	LM393D	U6, U7	Dual Comparator	2
3225-XTAL	24M	XTAL	Y1	Crystal Oscillator	1
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Approved	Notes