



Title		
ESP32 breakout & blue wire interface for Diesel Heater		
Size	Number	Revision
A4		
Date:	19/12/2018	Sheet of
File:	C:\GIT_Local\...\CarrierMk3.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
Header 3	Header, 3-Pin	3V3, 5V, GND, GND2, Heater, Heater2	HDR1X3	Header 3	6
470uF	Polarized Capacitor (Radial)	C1, C4	CASEB	Cap Pol1	2
100n	Capacitor	C2, C3	C0805	Cap	2
Header 6H	Header, 6-Pin, Right Angle	HC-05	HDR1X6H	Header 6H	1
Header 19	Header, 19-Pin	J1, J2	HDR1X19	Header 19	2
	Header, 15-Pin	J101, J102	HDR1X15	Header 15	2
680	Resistor	R1	6-0805_M	Res2	1
4k7	Resistor	R2, R3	AXIAL-0.4	Res2	2
10k	Resistor	R4, R5, R6, R7, R8, R9, R10	6-0805_M	Res2	7
	Header, 4-Pin, Dual row	SPARES1	HDR2X4	Header 4X2	1
Header 3X2	Header, 3-Pin, Dual row	SPARES2	HDR2X3	Header 3X2	1
	Header, 13-Pin, Dual row	SPARES3	HDR2X13	Header 13X2	1
Header 2	Header, 2-Pin	Test	HDR1X2	Header 2	1
74LVC1G126DBV	Enhanced Product Single Bus Buffer Gate With 3-State Outputs, DCK0005A, LARGE T&R	U1	SOT23-5	SN74LVC1G126-EP	1
74LVC1G32DBV		U2		SN74LVC1G32DRY2	1