










NTX Embedded Spada 2E Connector List

Position	Function	Mfg	Part Number	Description	Image
J1	Power and Ground	JST	B3B-XH-A(LF)(SN)(P)	CONN HEADER XH TOP 3POS 2.5MM	
J2	LVDS Display Port 1: LCD Display and Backlight	FCI	62684-402100ALF	SKT 40 POS 0.5mm FPC connector side mount, female	
J25	Touch	Molex	5034800600	6-pin 0.5mm FPC connector, side mount, female	
J4	Sound	JST	B2B-PH-K-S(LF)(SN)	WAFER 1x2PIN P=2.0mm TU2001WNV-02 DIP Top Entry Type TYU	
J6, J5	USB 2.0 Type A	CNC Tech	1002-021-01000	USB 2.0 A/FEMALE DIP 180 DEG-USB	
J10	Type B Device USB	Wurth	61400413321	CONN MICRO USB TYPE B	
J11	Ethernet	Pulse	JXD2-0015NL	RJ45 - Shielded	
J15	Power and 485 Half Duplex Connector	CNC Tech	3020-14-0300-00	Power and serial Board to Board	
J24	I2C	Molex	530470310	3 POS 1.25mm Shrouded	
J16	GPIO + I2C	CNC Tech	3020-14-0300-00	GPIO and one I2C Port 14 position header	
J17	SPI	TE Conn	640456-8	Shrouded header 8 Position	
J20	RS485 (x1) RS232 (x1)	Molex	449141401	Micro Fit CONN 2x08PIN P=3.0mm TY3086WNV-2X08 DIP Top Entry Type TYU	
J21	BUZZER	JST	B2B-PH-K-S(LF)(SN)	BUZZER input - 2 pins	
J8, J9	USB - Lockable	JST	B4B-PH-K-S(LF)(SN)	CONN HEADER VERT 4POS 2.0MM	

Notes

All connectors are male on the board unless otherwise noted
All connectors are 90 degree connectors, meaning plugged in from the top down not from the sides of the board unless otherwise noted
All connectors are keyed or uni-directional and lockable unless otherwise noted
Pictures are for visualization purposes only. Final connectors may look different.