

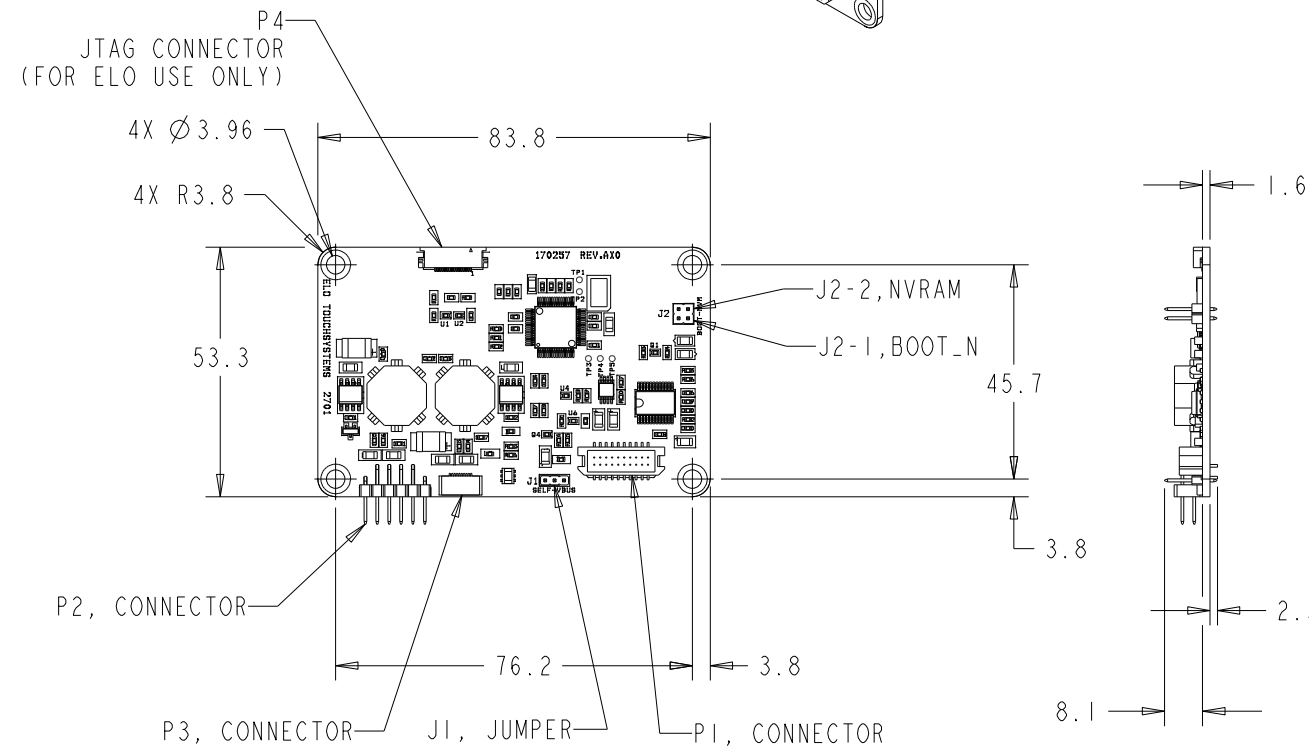
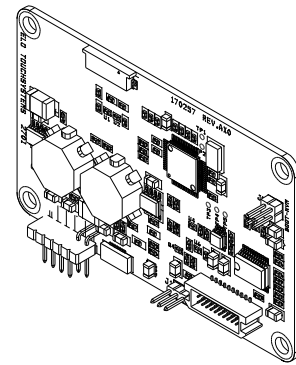
PROPRIETARY TO ELO TOUCHSYSTEMS, INC. AND SHALL NOT BE DISCLOSED OTHER THAN TO NECESSARY EMPLOYEES OR SUPPLIERS WITHOUT THE EXPRESS WRITTEN CONSENT OF ELO TOUCHSYSTEMS INC.

ELO TOUCHSCREEN CONTROLLER

CTR-270100-IT-RSU-00R

REVISIONS

REV	ZONE	BY	DESCRIPTION	DATE	APPROVED
A	--	HAG	RELEASED PER ECO 6295	09.19.06	CCB
B	--	HAG	REVISED PER ECO XXXX;CHGD MAX LEAD PROTUSION FRM 1.6 TO 2.5	DATE	CCB



NOTES: (UNLESS OTHERWISE SPECIFIED)

- THE POWER/INTERFACE CONNECTOR, P1, IS A MOLEX 53505-2090, 1.25MM PITCH 20 PIN, TOP CONTACT STYLE CONNECTOR, INTENDED TO BE USED WITH SINGLE WIRED PINS IN A 20 PIN HEADER. THE PINS ARE NUMBERED AS SHOWN IN THE TABLE BELOW. MATCHING HEADER IS MOLEX 51127 HOUSING, WITH MOLEX 50516 TERMINALS. FOR MORE INFORMATION PLEASE SEE THE MOLEX WEBSITE: www.molex.com
- THE LIF CONNECTOR IS AVX 6254-010-000-800 AND ACCEPTS FLAT CABLE WITH CONDUCTORS ON 0.5mm CENTERS. NOMINAL CABLE THICKNESS IS 0.3mm.
- 3D FILES ARE ALSO AVAILABLE.

SIGNAL NAME	P2 PIN	P3 PIN	SIGNAL FUNCTION
CHASSIS	1	NC	FRAME GROUND FOR CABLE SHIELD
NONE	2	NC	CONNECTOR KEY
Y RCV +	3	4	
Y XMT +	4	2	
Y RCV -	5	5	
Y XMT -	6	1, 3	
ANALOG GND	7	NC	ANALOG GROUND
X XMT -	8	8, 10	
X RCV -	9	6	
X XMT +	10	9	
X RCV +	11	7	
NONE	12	NC	CONNECTOR KEY

SIGNAL NAME	P1 PIN	SOURCED BY	SIGNAL FUNCTION
DCD	11	ctrl	carrier detect , handshake = 0 (POSITIVE) when controller power on
DSR	12	ctrl	data set ready , handshake = 0 (POSITIVE) when controller power on
RxD	13	ctrl	serial data from controller to host
RTS	14	host	request to send , handshake = 0 (POSITIVE) when controller may send
TxD	15	host	serial data from host to controller
CTS	16	ctrl	used as ready to receive , handshake = 0 (POSITIVE) when host may send
DTR	17	host	data terminal ready , handshake = 0 (POSITIVE) when controller may send
RI	-	n/u	not used
SG	19	com	signal ground

JUMPER	FUNCTION
J1	SHORT 1-2, SELF POWERED. SHORT 2-3, USB POWERED.
J2-1	BOOT_N
J2-2	INITIALIZE NVRAM*

PIP NUMBER	DESCRIPTION
D68054-000	CTR-270100-IT-RSU-00R

ITEM NO.	QTY REQ'D	DRAWING OR PART NO.	DESCRIPTION	MATERIAL SPECIFICATION																																																		
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