LOW LEVEL MOD

DRIVER

FINAL

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	BY
	-	RELEASE PER PRN 159681	07/99	LUST
	A	CO 162356 (Added C76 & C77. Chg val R29)	09/99	LUST

IDENTIFY CONNECTING SHEET NUMBERS

Sheet 9 CLOCK_IN

DO NOT USE FOUR POINT CONNECTIONS

C12

C13

USE OFFSET CONNECTIONS

C12

C13

TX Drive

P4005

L16 3T 0.1D

C46 18pF 10% 500V

L22

R26 150 1% 1/8W

Q4 2N4427

R28 392 1% 1/8W

L19 6T 0.1D

1/2W 5% 27 R9

C49 .22uF 10% 50V

C51 22pF 5% 500V

L7 3T 0.1D

C71 470pF 20% 500V

C74 82pF 10% 500V

L12 3T 0.1D

R21 332 1% 1W

R18 332 1% 1W

1N914 CR2

R12 24.3 1% 1/4W

C75 470pF 20% 500V

L25

R2 47 5% 1/4W

L21

C57 470pF 20% 500V

C77 1000pF 5% 100V

C76 .1uF 10% 50V

C27 47uF 20% 50V

L20

R25 510 5% 1/2W

C55 470pF 20% 500V

L3 18T 0.3D

L2 7T 0.25D

R29 390 5% 1/4W

L13 4T

L14 3T

C68 .01uF -20+80% 100V

Q5 JT2468 (OR 44229)

C52 15pF 5% 500V

C59 82pF 10% 500V

R20 47.5 2W

Q6 MRF173

R22 10K 1% 1/8W

R5 1K 1% 1/8W

CR1A 1N914

CR1 1N914

CR5 RED

.70" LONG .040" WIDE

SAT NOT USED 4.7 pF 8.2 pF

C1 4.7pF 5% 500V

L1 4T 0.1D

L17 5T 0.1D

C31 180pF 5% 300V

C29 39pF 5% 500V

Com RX In

P4006

CR3 MA47475

C43 470pF 20% 500V

C39 15pF 5% 500V

C41 10pF 5% 1000V

L18 5T 0.1D

L15 5T 0.1D

C33 22pF 5% 500V

C35 22pF 5% 500V

C73 10pF 5% 1000V

200-09362-0010 DIRECTIONAL COUPLER

Comm Ant

L23 PAD E1 E2 VIA E60

E3 E4 VIA CX67 PAD E5

STUB

P4004 SHOWN FOR REFERENCE

200-09174-0010 FILTER BOARD

8	BLK	E8	FL101 EXCCET471	E16	E16 FINAL MOD
7	BRN	E7	FL102 EXCCET471	E15	E15
6	RED	E6	FL103 EXCCET471	E14	E14 TX_11-33_VDC_POWER
5	ORN	E5	FL104 EXCCET471	E13	E13 TX_11-33_VDC_POWER
4	YEL	E4	FL105 EXCCET471	E12	E12 LOW LEVEL MOD
3	GRN	E3	FL106 EXCCET471	E11	E11
2	BLU	E2	FL107 EXCCET471	E10	E10 VF
1	VIO	E1		E9	E9

MTG1 MTG2 MTG3 MTG4 MTG5 MTG6 MTG7

NOTE: ADD 4000 TO ALL REFERENCE DESIGNATORS (EXCEPT P4004, P4005, AND P4006).

TRANSMISSION LINE SYMBOLOGY

CABLING EXAMPLES: COPY ARROWS, P/T'S AND LOOPS AS NEEDED

P/T

NOTE INDICATOR

COPY AS NEEDED

NOTES:

1 TEXT FOR NOTE 1

2 TEXT FOR NOTE 2

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Olathe, Kansas USA CAGEC 22273

UNIT NAME KX-165A
DESIGN NAME TRANSMITTER BOARD
DRAWING NO. 002-09062-0020
SCHEMATIC (002) REVISION LEVEL A SIZE E SHEET 1 OF 1

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Border Rev 02