5	4	3	3	2	1			
Table of Contents					Revisions			
2 Notes					Rev	Description	Date	Approved
3 KEA MCU					X1	Original Release	DEC-17-2014	
4 OpenSDA					X2	Second Release	JAN-30-2015	O. Romero
5 Power Supply/CAN/LIN					A	Production Release	FEB-03-2015	O. Romero
6 I/O Headers					В	2nd Production Release *J3-9 Connected to 5V instead of P5V_SDA_PSW *J3-3 Connect to VDD instead of 3V3	JUL-06-2015	J.Romero J.Sanchez
7 Headers Multiple Functions						*Added J107 *Replaced XTAL *Placed C48 and C47 after D9 and D13		J.Sanchez
	_					*Replaced C48 with 10 uF cap. *Placed D14 *Changed net name P5-9V to Vin		
						*Relocate FTM2 channels *Relocate signals on J202 to J212		
						*Place Rll and DNP R94 *Changed CAN and LIN header with right angle headers		D
						*Place R105 by default and leave R104 DNP *J11 pin 2 connected to VBAT *Replaced R80 with two 2K resistors in		
						parallel. *Removed L3 *Removed C34		
						*Placed SW4 button, R118, R116 and C46 *Placed J14 *Button resistors changed to pulldown.		
						*Changed 3.3 voltage regulator *Changed Q1 transistor *Replaced D9, D13 and D6		
						*Replaced C35 and C38		
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								c





1. Unless Otherwise Specified:

All resistors are in ohms, 1% and 5 %
All capacitors are in uF, 10%, 20 % and 5%
All voltages are DC

All polarized capacitors are aluminum electrolytic

- 2. Interrupted lines coded with the same letter or letter combinations are electrically connected.
- 3. Device type number is for reference only. The number varies with the manufacturer.
- 4. Special signal usage:
  - \_B Denotes Active-Low Signal <> or [] Denotes Vectored Signals
- 5. Interpret diagram in accordance with American National Standards Institute specifications, current revision, with the exception of logic block symbology.

























