

LMK Inputs & Outputs
Sheet 2 & 9

LMK Power & Config
Sheet 3


FMC #1 to DAC
Sheet 4

FMC #2 to ADC
Sheet 5

FMC #3 to Lamarr
Sheet 6

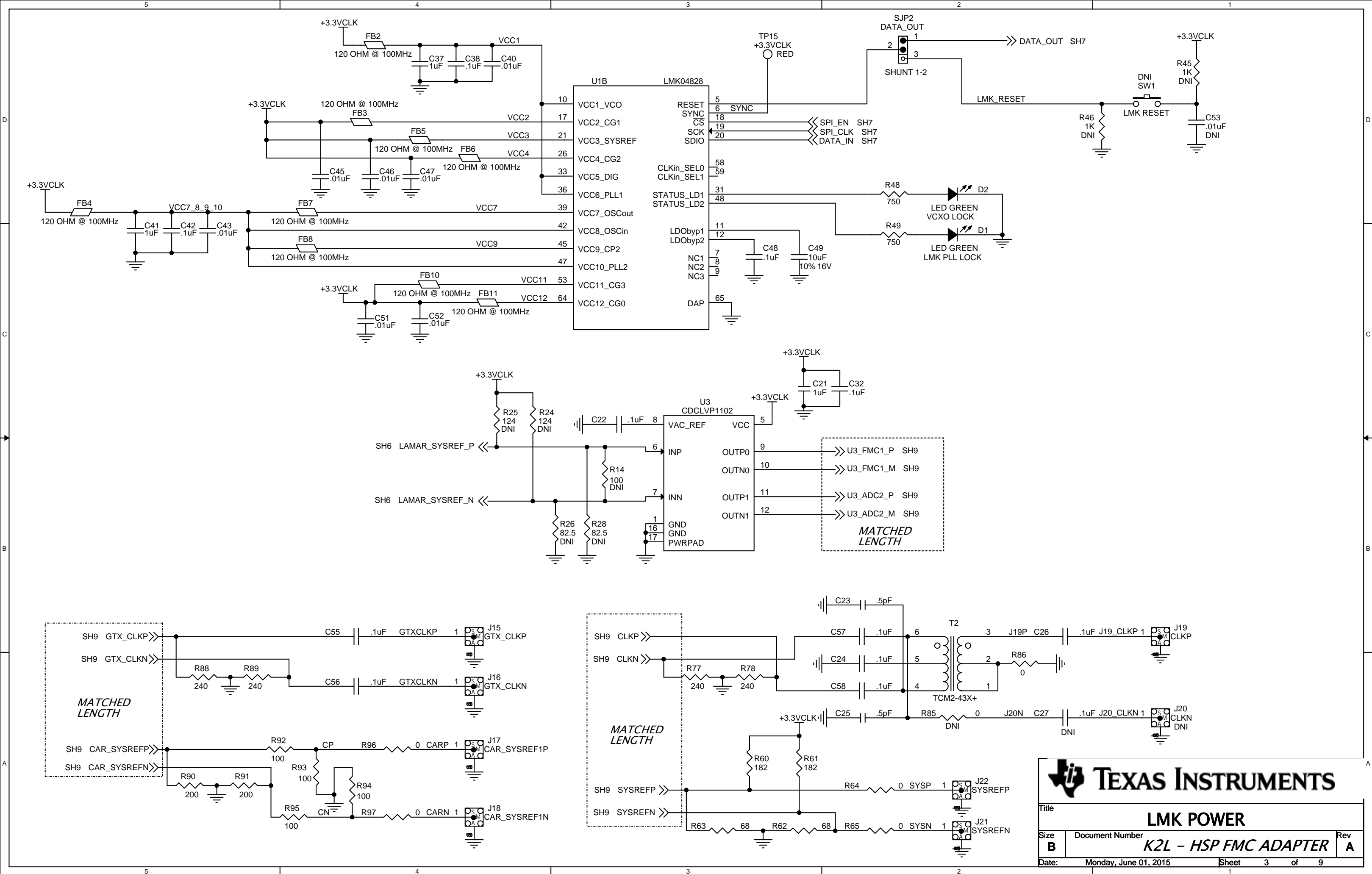
USB Interface
Sheet 7

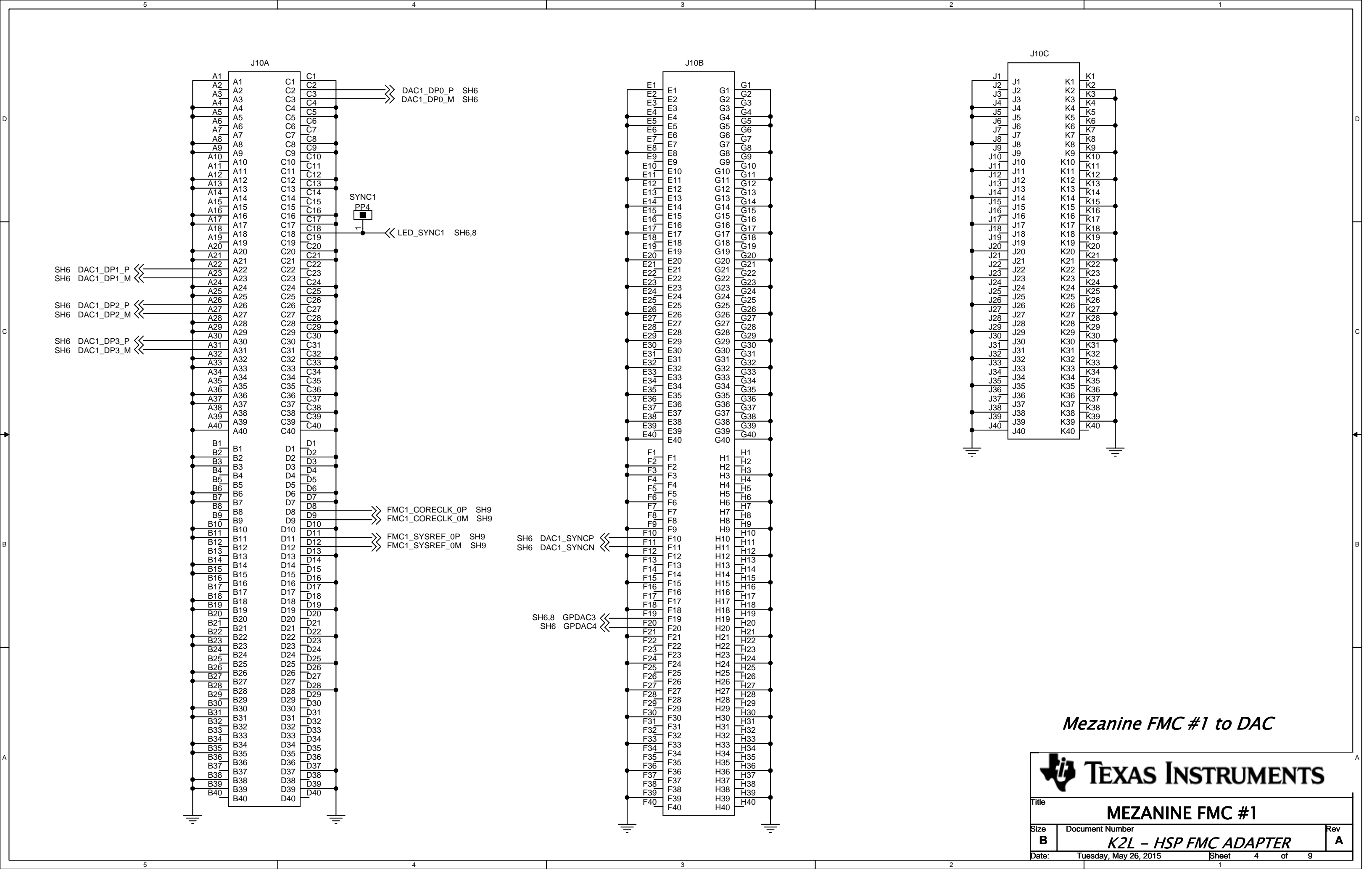
Power Supplies
Sheet 8

 **TEXAS INSTRUMENTS**


| | | |
|-----------------------------|------------------------------|--------------|
| Title | | |
| BLOCK DIAGRAM | | |
| Size | Document Number | Rev |
| B | <i>K2L – HSP FMC ADAPTER</i> | A |
| Date: Tuesday, May 26, 2015 | | Sheet 1 of 9 |

| | |
|---------------------|------|
| Engineer: Jim Seton | 4/15 |
| PCB: JV Smith | 4/15 |

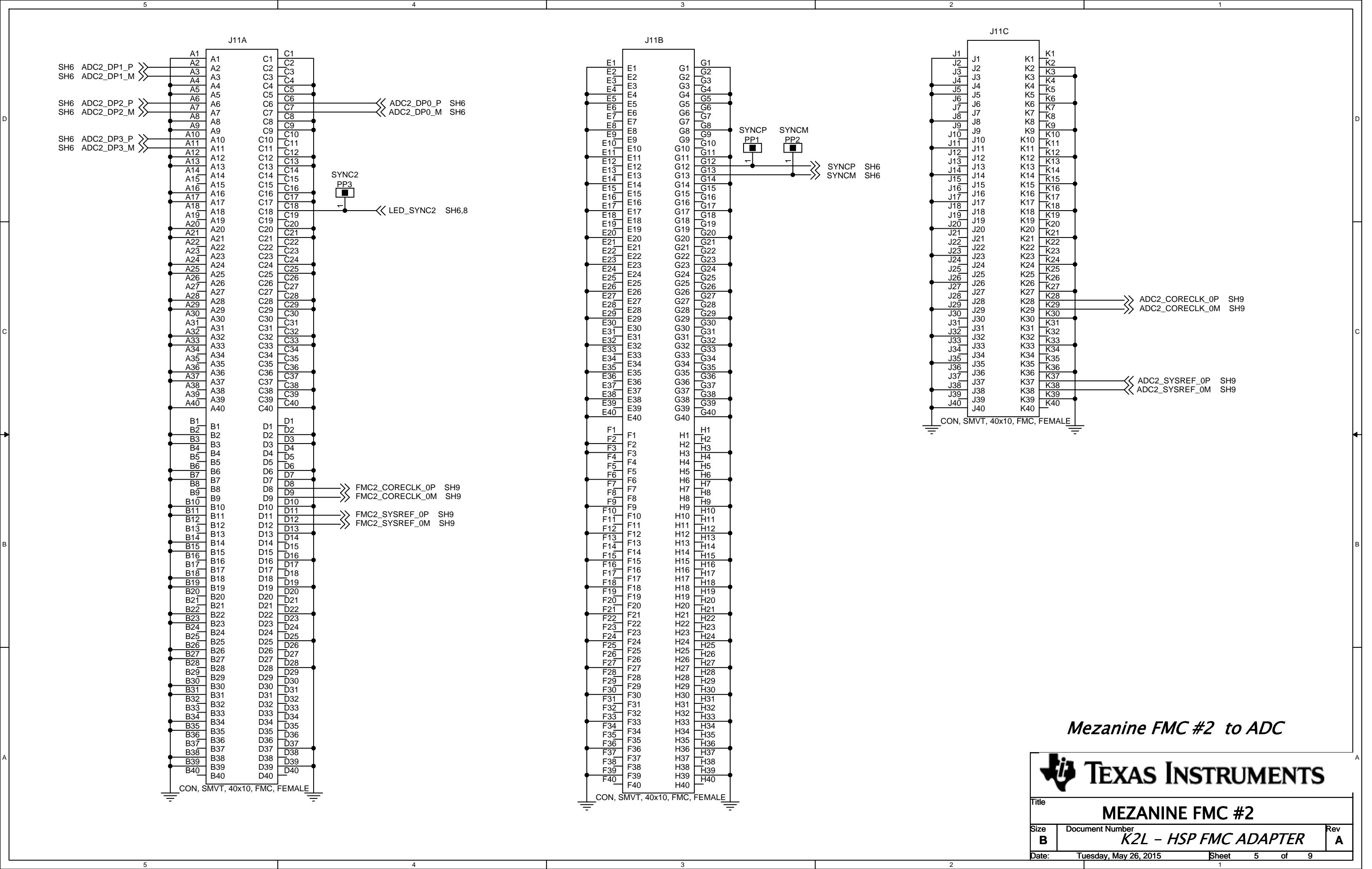





Mezanine FMC #1 to DAC

 **TEXAS INSTRUMENTS**

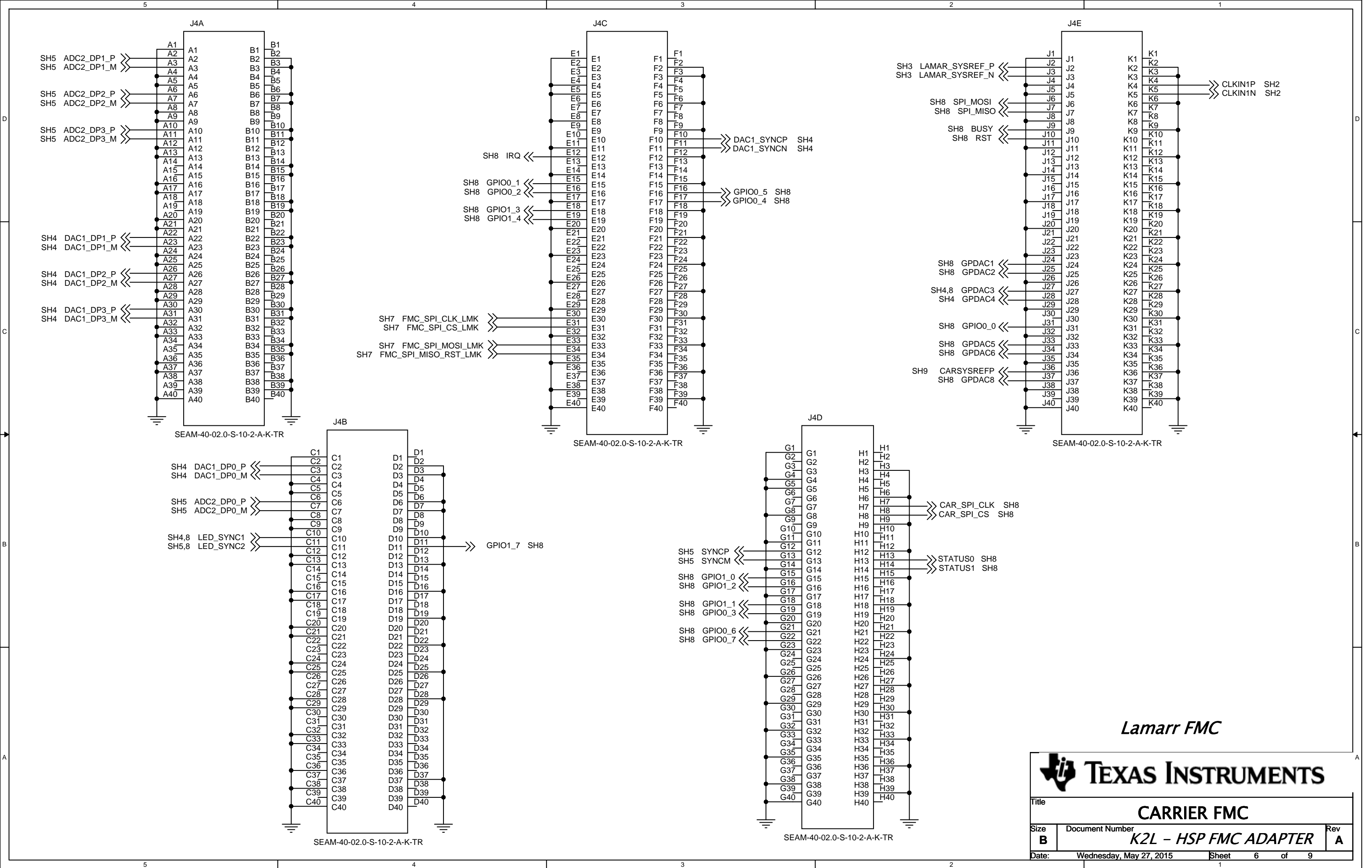
| | | |
|---------------------------------|---|-----------------|
| Title MEZANINE FMC #1 | | |
| Size B | Document Number K2L – HSP FMC ADAPTER | Rev A |
| Date: | Tuesday, May 26, 2015 | Sheet 4 of 9 |

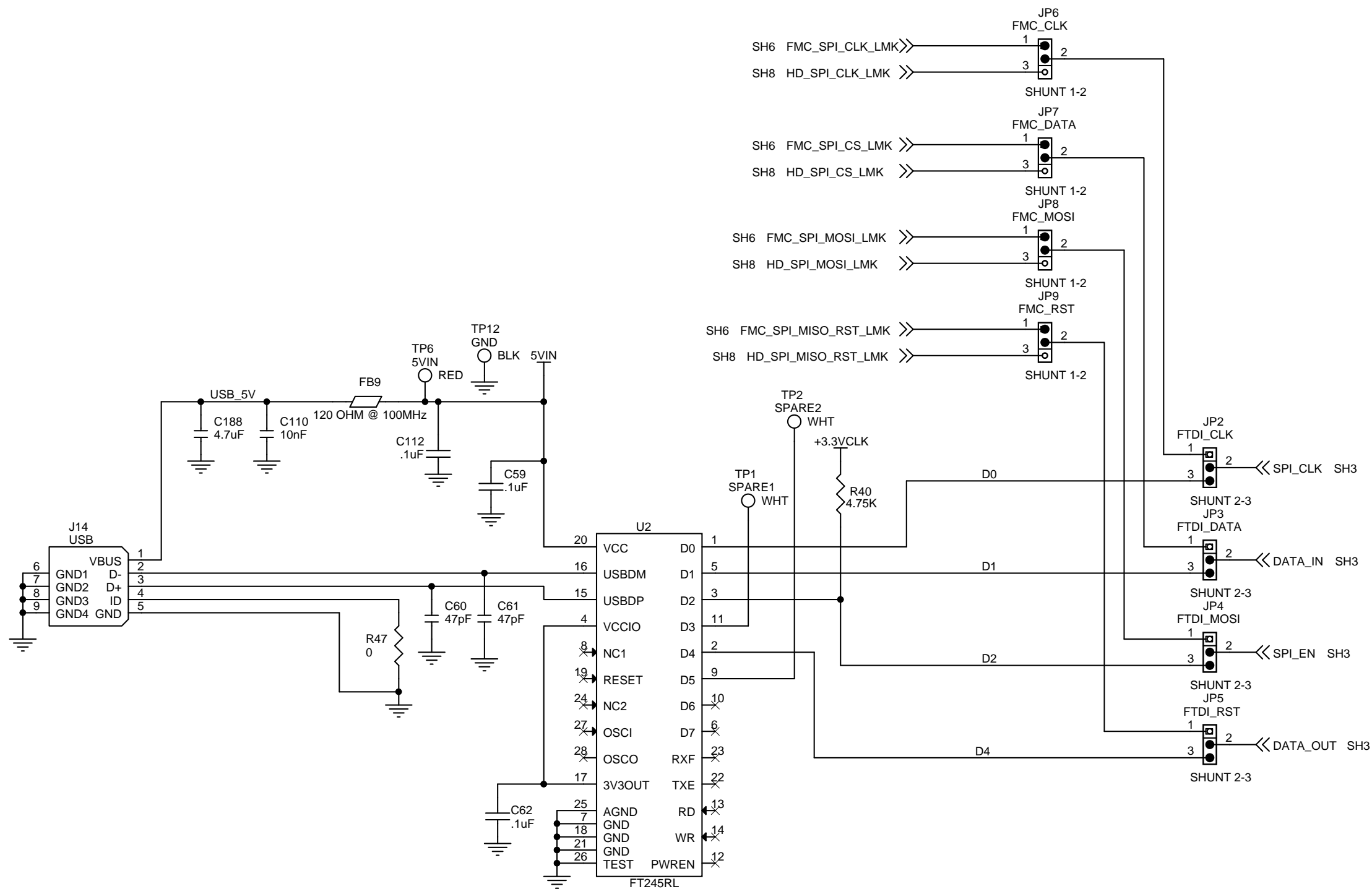


Mezanine FMC #2 to ADC

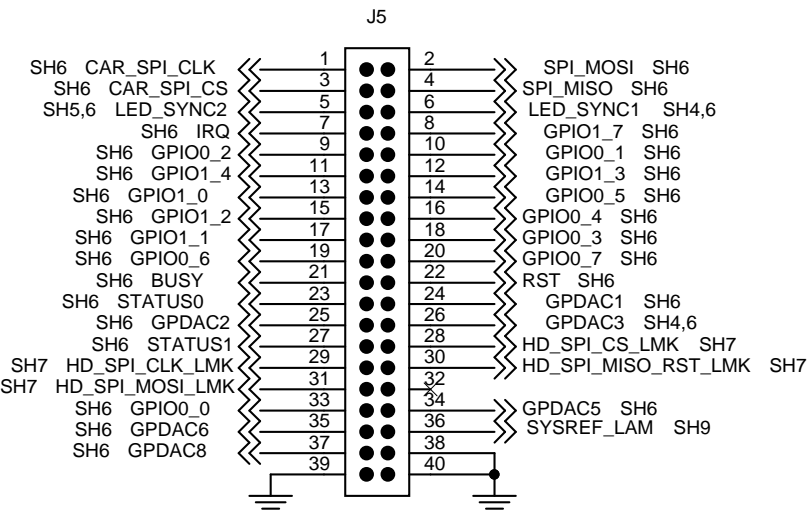
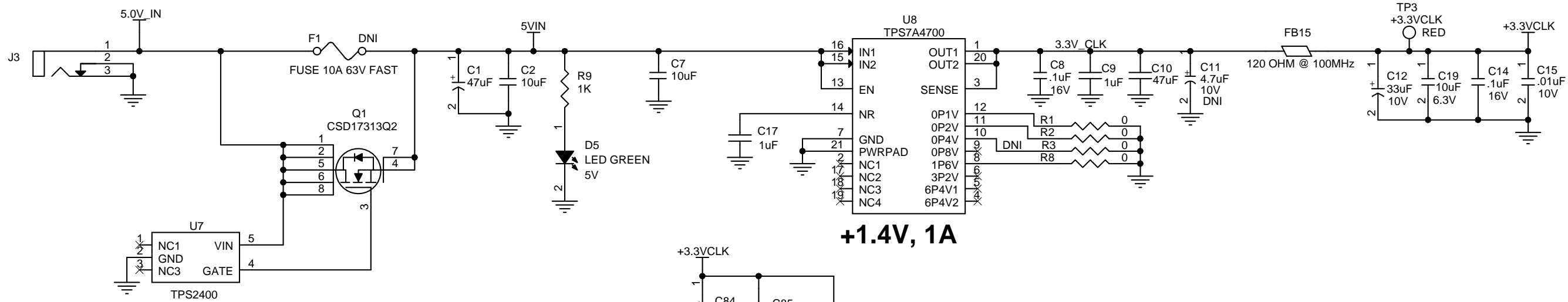
 **TEXAS INSTRUMENTS**

| | | |
|---------------------------------|---|-----------------|
| Title MEZANINE FMC #2 | | |
| Size B | Document Number K2L - HSP FMC ADAPTER | Rev A |
| Date: | Tuesday, May 26, 2015 | Sheet 5 of 9 |





| | | |
|---------------|-----------------------|--------------|
| Title | | |
| USB INTERFACE | | |
| Size | Document Number | Rev |
| B | K2L - HSP FMC ADAPTER | A |
| Date: | Tuesday, May 26, 2015 | Sheet 7 of 9 |



PIN 32 IS TO SERVE AS A POLARIZING PIN.
 LED_SYNC1 = GPIO1_5 -- DAC
 LED_SYNC2 = GPIO1_6 -- ADC
 SYSREF_LAM = GPDAC7

HARDWARE

BARE BOARD, K2L-HSP FMC ADAPTER REV A

