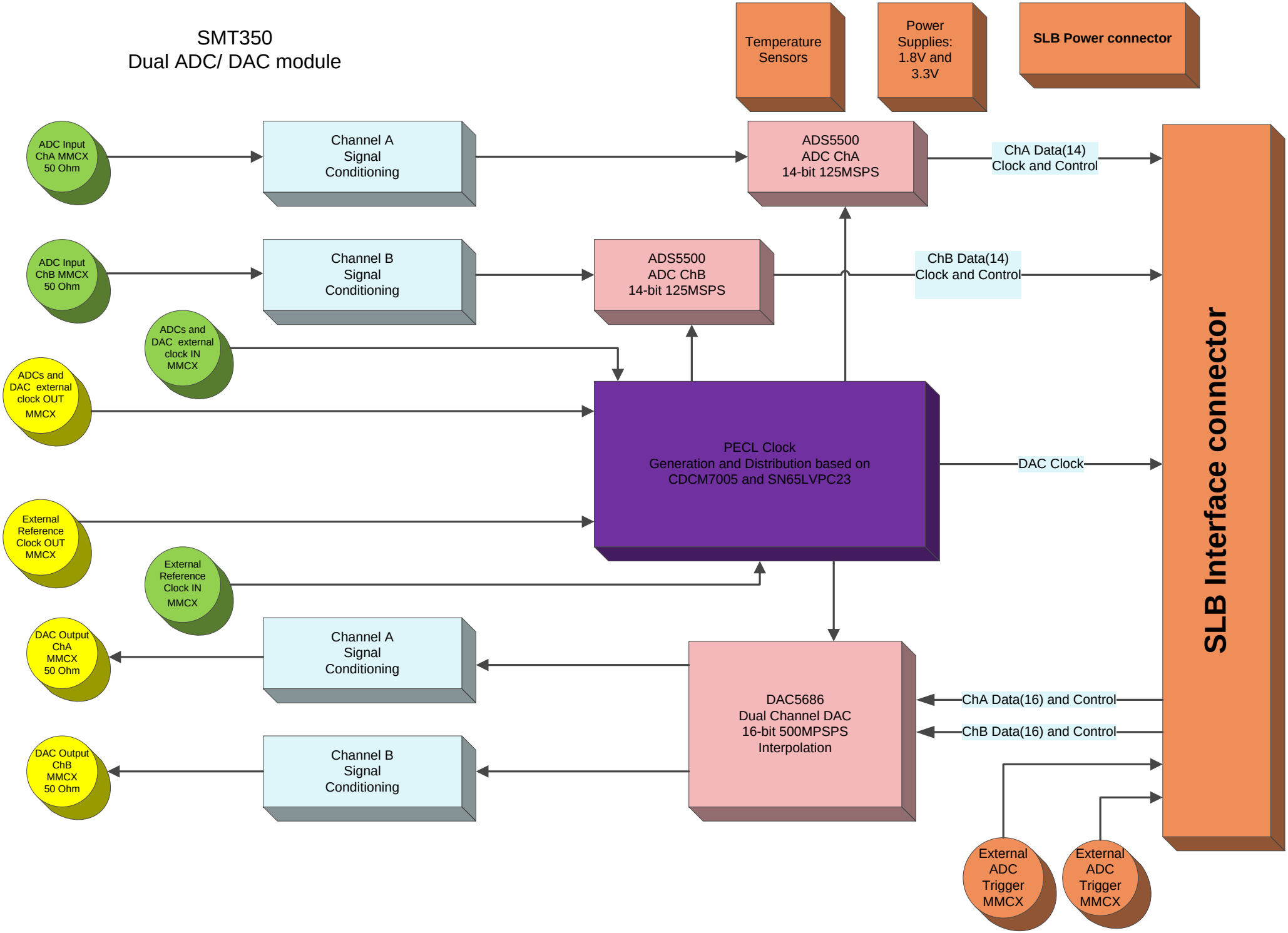
SMT350
Dual ADC/ DAC module
Temperature Sensors
Power Supplies: 1.8V and 3.3V
SLB Power connector
ADC Input ChA MMCX 50 Ohm
Channel A Signal Conditioning
ADS5500 ADC ChA 14-bit 125MSPS
ChA Data(14) Clock and Control
ADC Input ChB MMCX 50 Ohm
Channel B Signal Conditioning
ADS5500 ADC ChB 14-bit 125MSPS
ChB Data(14) Clock and Control
ADCs and DAC external clock IN MMCX
ADCs and DAC external clock OUT MMCX
PECL Clock Generation and Distribution based on CDCM7005 and SN65LVPC23
DAC Clock
SLB Interface connector
External Reference Clock OUT MMCX
External Reference Clock IN MMCX
DAC Output ChA MMCX 50 Ohm
Channel A Signal Conditioning
DAC5686 Dual Channel DAC 16-bit 500MPSPS Interpolation
ChA Data(16) and Control
ChB Data(16) and Control
DAC Output ChB MMCX 50 Ohm
Channel B Signal Conditioning
External ADC Trigger MMCX
External ADC Trigger MMCX