As discussed currently configuring 3 Channel Groups as HW Triggered Group:

Group 2 🡪 Prior : 3 🡪 **ADC\_TRIGGER\_EPWM0\_SOCA**

Group 3 🡪 Prior : 4 🡪 **ADC\_TRIGGER\_EPWM0\_SOCB**

Group 4 🡪 Prior : 5 🡪 **ADC\_TRIGGER\_EPWM1\_SOCB**

The Interrupt assignment will be as shown below:

Group 2 🡪 **ADC0\_INT1**

Group 3 🡪 **ADC0\_INT2**

Group 4 🡪 **ADC0\_INT3**

The Interrupts are assigned to XBAR number as shown below:

**ADC0\_INT1 🡪 INTRXBAR0\_OUT\_2**

**ADC0\_INT2 🡪 INTRXBAR0\_OUT\_3**

**ADC0\_INT3 🡪 INTRXBAR0\_OUT\_4**

Application Log is as shown below:

ADC\_APP: Sample Application - Initiated !!!

ADC MCAL Version Info

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Vendor ID : 44

Module ID : 123

SW Major Version : 8

SW Minor Version : 6

SW Patch Version : 2

Hardware Triggered Group Conversion started. !!!

ADC\_APP: Hardware Triggered Group Notifiation count is : 0 :)!!!

Wait for 10 seconds, Trigger is not applied. !!!

PWM trigger is applied. !!!

ADC\_APP: Group 4 Channel 0 Conversion Completed. Notification count is 1 :)!!!

ADC\_APP: Group 3 Channel 0 Conversion Completed. Notification count is 1 :)!!!

ADC\_APP: Group 2 Channel 0 , 1, 2 Conversion Completed. Notification count is 1 :)!!!

ADC\_APP: Hardware Triggered Group Notifiation Group 2: 1 :)!!!

ADC\_APP: Hardware Triggered Group Notifiation Group 3: 1 :)!!!

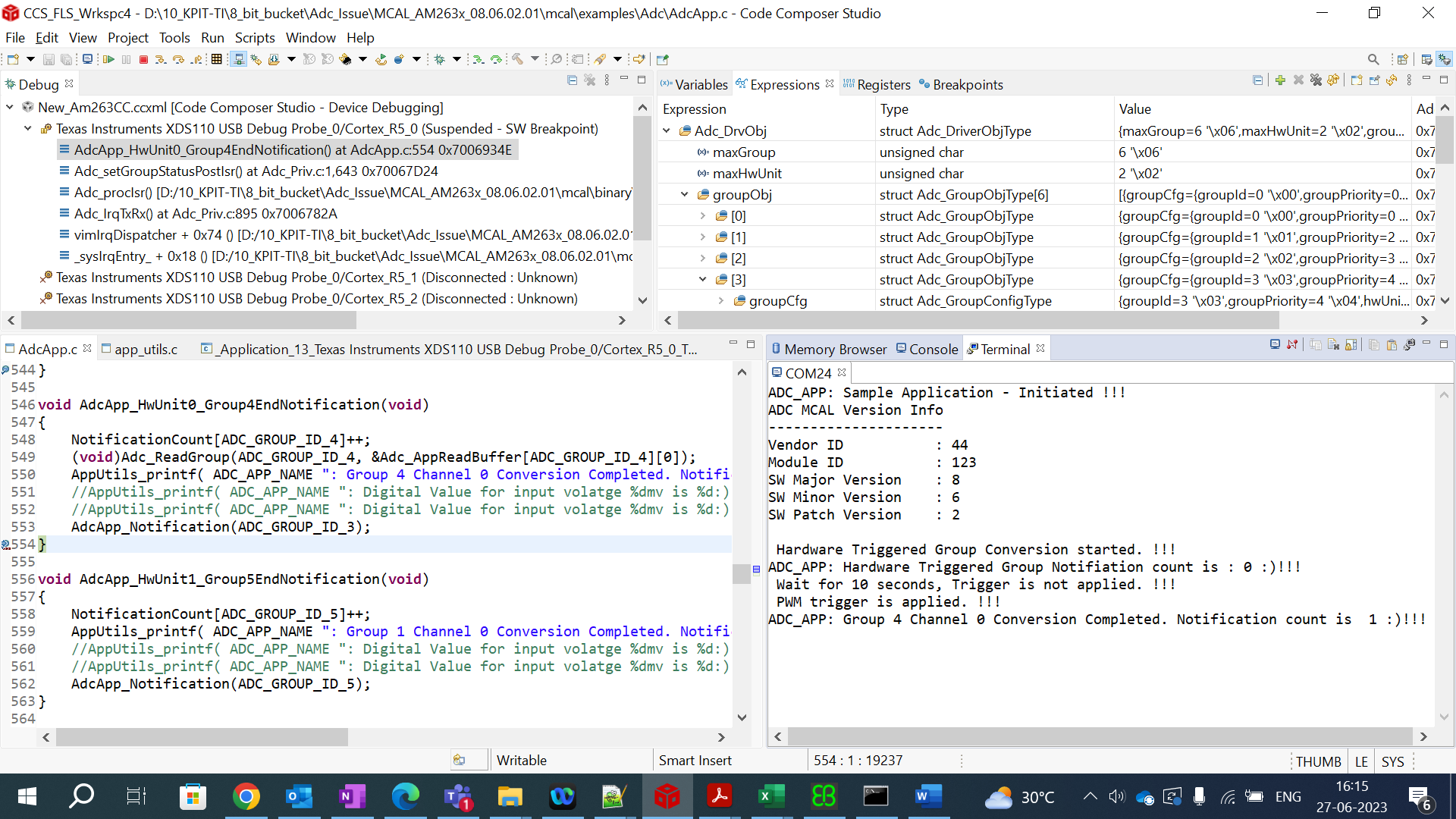
ADC\_APP: Hardware Triggered Group Notifiation Group 4: 1 :)!!!

ADC Stack Usage: 1120 bytes

ADC\_APP: Sample Application - Completed. !!!

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**ADC Group 4 Notification: INTRXBAR0\_OUT\_4 : ADC\_TRIGGER\_EPWM1\_SOCB**



**ADC Group 3 Notification: INTRXBAR0\_OUT\_3 : ADC\_TRIGGER\_EPWM0\_SOCB**

A screenshot of a computer

Description automatically generated

**ADC Group 4 Notification: INTRXBAR0\_OUT\_3 : ADC\_TRIGGER\_EPWM0\_SOCA**

A screenshot of a computer

Description automatically generated