

HGCROC Config

```
{  
    "UDP Settings": {  
        "IP Address": "10.1.2.208",  
        "Port": "11000"  
    },  
    "Target ASIC": {  
        "FPGA Address": 0,  
        "ASIC Address": 1  
    },  
    "Register Settings": {  
        "CM_2": "00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0",  
        "CM_3": "00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0",  
        "Channel_36": "06 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_37": "06 00 00 58 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_38": "08 00 00 50 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_39": "08 00 00 68 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_40": "04 00 00 48 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_41": "06 00 00 50 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_42": "06 00 00 08 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_43": "06 00 00 80 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_44": "08 00 00 58 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_45": "04 00 00 18 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_46": "02 00 00 60 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_47": "08 00 00 60 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_48": "06 00 00 48 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_49": "06 00 00 28 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_50": "04 00 00 58 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_51": "0A 00 00 60 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_52": "04 00 00 20 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_53": "02 00 00 18 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_54": "06 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_55": "04 00 00 68 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_56": "08 00 00 40 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_57": "08 00 00 20 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_58": "08 00 00 70 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_59": "18 00 00 68 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_60": "08 00 00 20 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_61": "0A 00 00 60 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_62": "08 00 00 48 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_63": "04 00 00 38 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_64": "06 00 00 20 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
        "Channel_65": "06 00 00 10 00 00 00 00 00 00 00 00 00 00 00 00 C0",  
    }  
}
```

"Channel_66 ":"02 00 00 40 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_67 ":"0A 00 00 48 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_68 ":"04 00 00 40 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_69 ":"06 00 00 30 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_70 ":"0A 00 00 40 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_71 ":"00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"CALIB_1 ":"00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0",
"Reference_Voltage_1 ":"DC 08 6C 1C 6A C8 00 00 00 00 00",
"Global_Analog_1 ":"cf d3 83 28 28 28 9a 9a a0 ca 42 48 4b 00 6f",
"Master_TDC_1 ":"37 d4 40 80 08 b0 02 00 00 80 08 b1 02 00 00 00 00",
"Digital_Half_1 ":"00 00 00 00 c0 00 00 00 00 00 00 00 00 00 00 19 00 08 cc
cc cc 0c cc cc cc cc 0f 01 00",
"HalfWise_1 ":"00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0",
"Top ":"0b 0f 40 7f 00 07 85 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00",
"CM_0 ":"00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0",
"CM_1 ":"00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0",
"Channel_0 ":"06 00 00 F0 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_1 ":"08 00 00 F8 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_2 ":"06 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_3 ":"02 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_4 ":"04 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_5 ":"02 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_6 ":"06 00 00 D0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_7 ":"06 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_8 ":"04 00 00 E0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_9 ":"04 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_10 ":"02 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_11 ":"06 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_12 ":"04 00 00 E8 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_13 ":"02 00 00 F8 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_14 ":"04 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_15 ":"08 00 00 E8 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_16 ":"28 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_17 ":"04 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_18 ":"06 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_19 ":"04 00 00 E8 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_20 ":"06 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_21 ":"04 00 00 F0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_22 ":"04 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_23 ":"08 00 00 E0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_24 ":"02 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_25 ":"06 00 00 D0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",
"Channel_26 ":"06 00 00 C0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 C0",

```
    "Channel_27      ": "04 00 00 F8 00 00 00 00 00 00 00 00 00 00 00 C0",
    "Channel_28      ": "0A 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 C0",
    "Channel_29      ": "06 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 C0",
    "Channel_30      ": "06 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 C0",
    "Channel_31      ": "04 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 C0",
    "Channel_32      ": "06 00 00 C8 00 00 00 00 00 00 00 00 00 00 00 00 C0",
    "Channel_33      ": "08 00 00 FC 00 00 00 00 00 00 00 00 00 00 00 00 C0",
    "Channel_34      ": "06 00 00 F0 00 00 00 00 00 00 00 00 00 00 00 00 C0",
    "Channel_35      ": "00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0",
    "CALIB_0         ": "00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0",
    "Reference_Voltage_0": "DC 00 6C 1C 6A C8 00 00 00 00 00",
    "Global_Analog_0  ": "cf d3 83 28 28 28 9a 9a a0 ca 42 48 4b 00 6f",
    "Master_TDC_0    ": "37 d4 40 80 08 b0 02 00 00 80 08 b1 02 00 00 00",
    "Digital_Half_0   ": "00 00 00 00 c0 00 00 00 00 00 00 00 00 00 19 00 08 cc
cc cc 0c cc cc cc cc 0f 01 00",
    "HalfWise_0      ": "00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 c0"
  },
  "PedestalCalib": {
    "script_id": "702_PedestalCalib2",
    "script_version": "1.0",
    "output_folder": "702_PedestalCalib2_data_20240826_161925",
    "output_config_json": "702_PedestalCalib2_config_20240826_161925.json",
    "output_pedecalib_json": "pede_calib_config_20240826_161925.json"
  }
}
```