

## 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 C0",  
"Channel\_67": "0A 00 00 48 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 C0",  
"Channel\_69": "06 00 00 30 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 C0",  
"Channel\_71": "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 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",  
"Digital\_Half\_1": "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\_1": "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",  
"CM\_0": "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 c0",  
"Channel\_0": "06 00 00 F0 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 C0",  
"Channel\_2": "06 00 00 FC 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 C0",  
"Channel\_4": "04 00 00 FC 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 C0",  
"Channel\_6": "06 00 00 D0 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 C0",  
"Channel\_8": "04 00 00 E0 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 C0",  
"Channel\_10": "02 00 00 FC 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 C0",  
"Channel\_12": "04 00 00 E8 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 C0",  
"Channel\_14": "04 00 00 FC 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 C0",  
"Channel\_16": "28 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 C0",  
"Channel\_18": "06 00 00 FC 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 C0",  
"Channel\_20": "06 00 00 FC 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 C0",  
"Channel\_22": "04 00 00 FC 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 C0",  
"Channel\_24": "02 00 00 FC 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 C0",  
"Channel\_26": "06 00 00 C0 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 C0",
    "Channel_28": "0A 00 00 FC 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 C0",
    "Channel_30": "06 00 00 FC 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 C0",
    "Channel_32": "06 00 00 C8 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 C0",
    "Channel_34": "06 00 00 F0 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 c0",
    "CALIB_0": "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 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"
  }
}

```