

F211I

Board ID	Doc Version	Date	Author	ASIC ID	Production
F211I	0.1	11.04.2022	L. Ghislotti	211	Italian

	#	Test Description	Pass	Note	
Visual	1	Visual inspection	Yes	See notes (if any)	
Bias	2	Analog	Yes	AVDD [V]	1.795
			Yes	IVDD [mA]	135.1
		Digital	Yes	DVDD [V]	1.799
			Yes	IDVDD [mA]	5
		Calibration	Yes	3V3 [V]	2.998
			Yes	I3V3 [mA]	3
		Bias current	Yes	Ibias [mA]	4.94
		Reference Voltages	Yes	VCM SH [V]	1.197
			Yes	VCM [V]	0.890
			Yes	RVCM [V]	0.898
Digital	3	Configuration test	Yes		
		Wrong address test	Yes		
		Temperature Sensor	Yes	ADC	1033
				T [°C]	25.380
Analog	4	Input-output characteristic	Yes	# of non resp. ch	0
	5	Noise ENC FWHM @ tp=6	Yes	Ch 0 [keV]	20.061
				Ch 7 [keV]	134.675
				Ch 15 [keV]	29.725
				Ch 16 [keV]	27.737
				Ch 23 [keV]	129.736
				Ch 31 [keV]	22.190
	6	Threshold dispersion @ tp=6	Yes	Before FT [DAC]	5.121
				After FT [DAC]	2.700
	7	Pedestal dispersion @ tp=6	Yes	Dispersion [ADC]	30.051

Notes:

not working