A 0,1,2,3,4,5

5V 10A PSU		+	Out+		R4 ohm
			B+	Cell	
			B-		discharge
		-	Out-		D 3,5,7,9,11,13

MOSFET

GND

enable

D 2,4,6,8,10,12

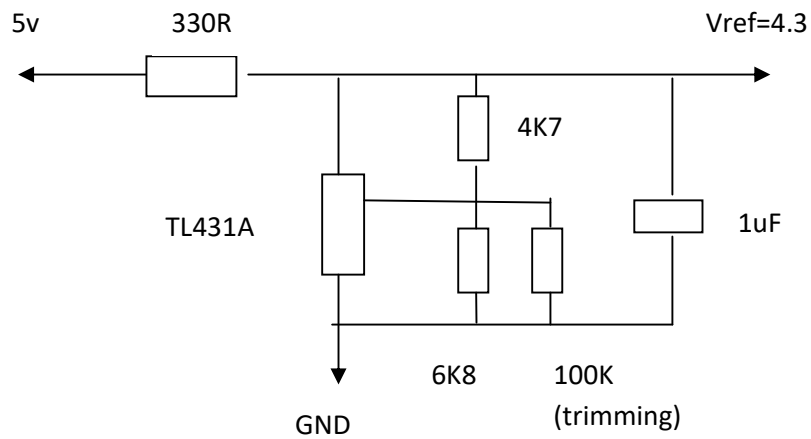Charger module connections to Arduino – Cells 1-6

5v   330R   Vref=4.3

TL431A   4K7

1uF

GND   6K8   100K
                    (trimming)

Analog VREF supply