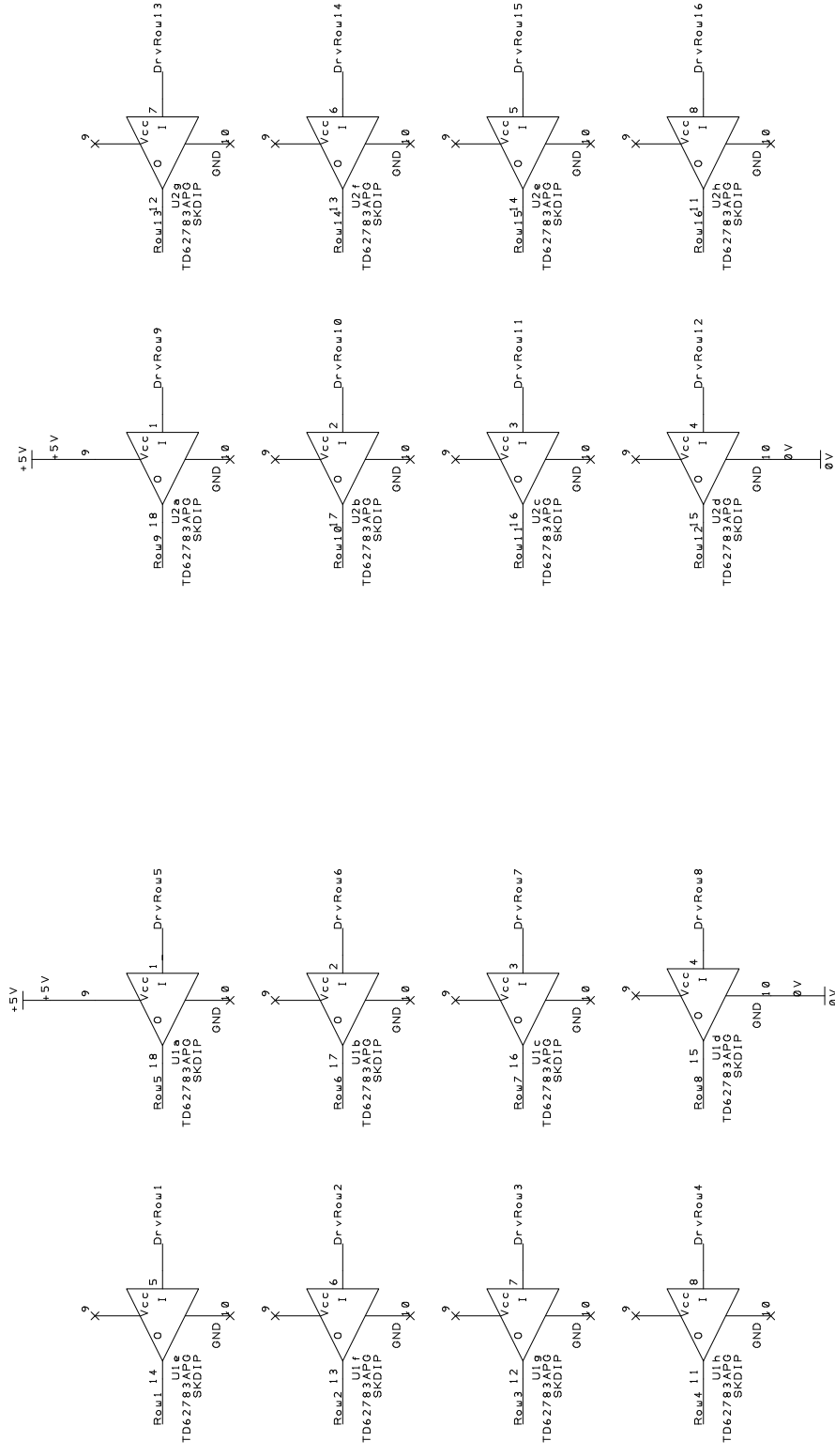


SHARP LT5016M1

<http://akizukidenshi.com/catalog/g/GI-00039/>

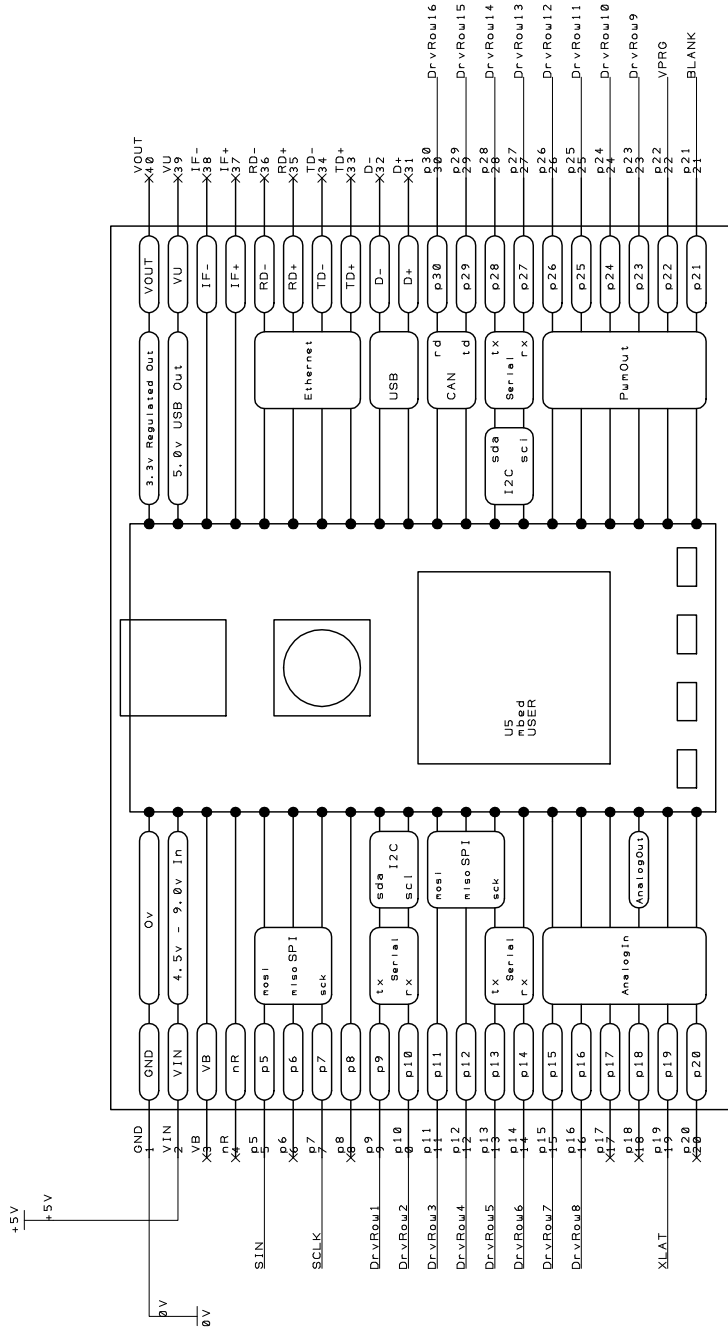
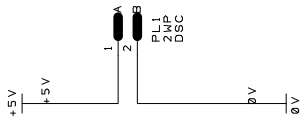
E	D	C	B	A	Drawn	Check	Projection Do Not Scale			Sheet of
Drn	Drn	Drn	Drn	Project 16*16 dot matrix display		Client				
Chk	Chk	Chk	Chk	Title LT5016M1 16*16 dot matrix led module		Filename 16*16 dot matrix led module (red & green led)			Drawing No.	



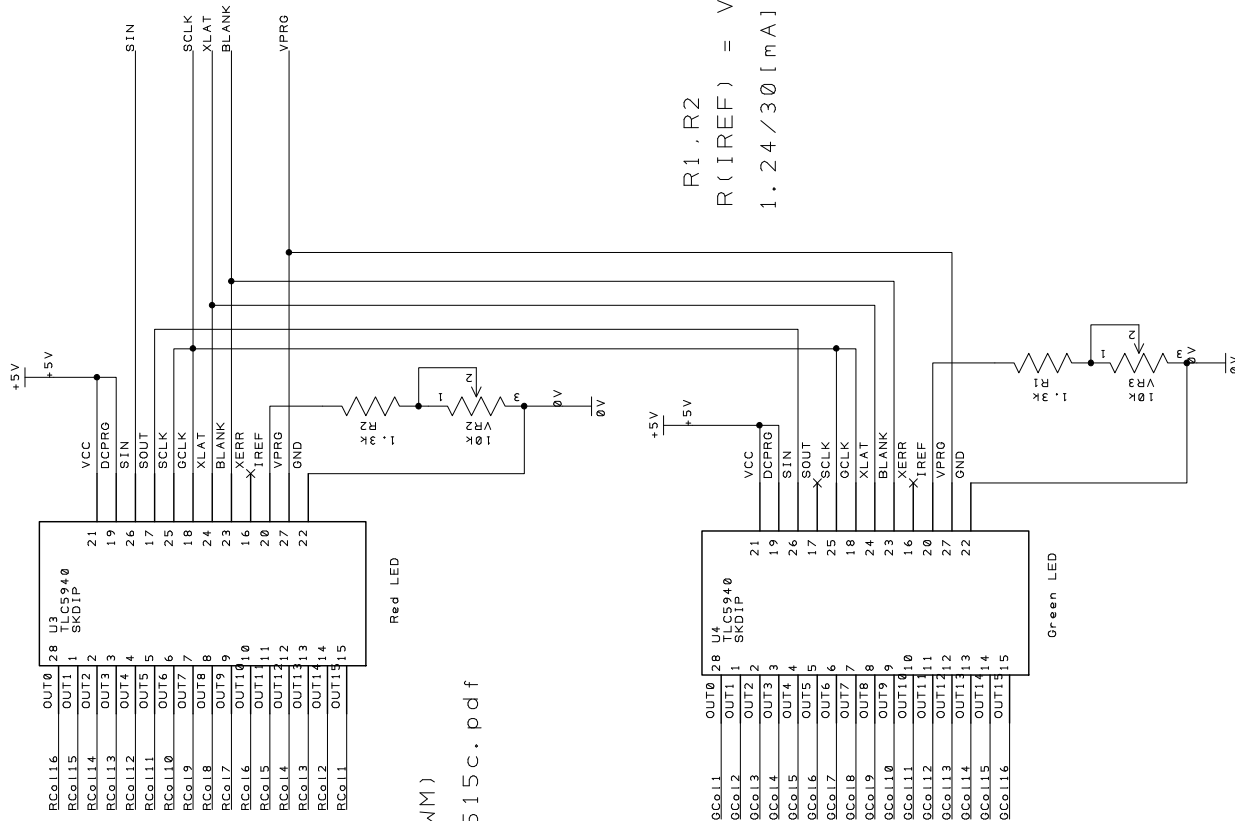
TD62783APG (8CH HIGH-VOLTAGE SOURCE DRIVER)

<http://www.datasheetcatalog.org/datasheet/toshiba/3977.pdf>

E	D	C	B	A	Drawn	Check	Projection Do Not Scale			Sheet of
Drn	Drn	Drn	Drn	Project	Client					Drawing No.
Chk	Chk	Chk	Chk	Title	16*16 dot matrix display					
				Title	TD62783APG Row driver					



E	D	C	B	A	Drawn	Check	Projection Do Not Scale			Drawing No.	Sheet of
Drn	Drn	Drn	Drn	Project 16*16 dot matrix display	Client	Filename					
Chk	Chk	Chk	Chk	Title mbed							



$$R1, R2$$

$$R(IREF) = VIREF / I_{max} * 31.5$$

$$1.24 / 30 [mA] * 31.5 = 130\Omega$$

TLC5940 (16CH LED DRIVER 4096GRAYSCALE PWM)

<http://focus.ti.com/lit/ds/slv515c/slv515c.pdf>

E	D	C	B	A	Drawn	Check	Projection Do Not Scale	Client	Drawing No.	Sheet of
Drn	Drn	Drn	Drn	Project	16*16 dot matrix display					
Chk	Chk	Chk	Chk	Title	TLC5940 (Column driver)					