L1 100uH
IC1 78M33(DPAK)
VDD
+5V
VIN VOUT
VSS
C3 10uF
C4 10uF
C5 10uF
GND
AGND AGND AGND

R6 0R
GND AGND

VDD
VCC
MD1 ADRPM5122P(PCM5122_MODULE)
P$1 CPVDD DVDD P$28
P$2 CAPP DGND P$27
P$3 CPGND LDOO P$26
P$4 CAPM XSMT P$25
P$5 VNEG ADR1/MISO/FMT P$24
P$6 OUTL LRCK P$23
P$7 OUTR DIN P$22
P$8 AVDD BCK P$21
P$9 AGND SCK P$20
P$10 VCOM/VCOM/DEMP GPIO6/GPIO6/FLT P$19
P$11 SDA/MOSI/ATT2 MODE2/MS/MODE2 P$18
P$12 SCL/MC/ATT1 MODE1 P$17
P$13 GPIO5/GPIO5/ATT0 ADR2/GPIO2/DOUT P$16
P$14 GPIO4/GPIO4/MAST GPIO3/GPIO3/AGNS P$15

R3 10R LRCK
R2 10R DIN
R1 10R BCK
SCK
PCM_GPIO6
PCM_GPIO3
GND

VCC GPIO1 +5V
1 3.3V 5V 2
3 GPIO2/SDA 5V 4
5 GPIO3/SCL GND 6
7 GPIO4 GPIO14/TXD 8
9 GND GPIO15/RXD 10
11 GPIO17 GPIO18/BCK 12
13 GPIO27 GND 14
15 GPIO22 GPIO23 16
17 3.3V GPIO24 18
19 GPIO10/MOSI GND 20
21 GPIO9/MISO GPIO25 22
23 GPIO11/CLK GPIO8/CE0 24
25 GND GPIO7/CE1 26
27 ID_SD ID_SC 28
29 GPIO5 GND 30
31 GPIO6 GPIO12 32
33 GPIO13 GND 34
35 GPIO19/LRCK GPIO16 36
37 GPIO26 GPIO20/DIN 38
39 GND GPIO21/DOUT 40

SDA
SCL
IR
MOSI
MISO
SPICLK
GPIO5
GPIO6
LRCK
GND
BCK
RESET
A0
CS0
CS1
DIN
GND

VDD
SDA
SCL
PCM_GPIO5
PCM_GPIO4
AGND

R4 470R
R5 470R
T
R
S
J1
C1 2200pF
C2 2200pF
AGND AGND

PCM_GPIO3 R7 100k
PCM_GPIO4 R8 100k
PCM_GPIO5 R9 100k
PCM_GPIO6 R10 100k
GND

MD2
VS P$3 VCC
OUT P$1 IR
GND P$2
GND

VCC
R11 10k SW1
GPIO5 3 1
4 2
R12 10k SW2
GPIO6 3 1
4 2
GND

VCC LCD1
P$1 VCC
P$2 GND
CS0 P$3 CS SD_CS P$9 CS1
RESET P$4 RESET SD_MOSI P$10 MOSI
A0 P$5 A0 SD_MISO P$11 MISO
MOSI P$6 SDA SD_SCK P$12 SPICLK
SPICLK P$7 SCK
P$8 LED
GND

JP1
1
SCK 2
3
PCM_GPIO3 4
PCM_GPIO4 5
PCM_GPIO5 6
PCM_GPIO6 7
VCC 8
GND