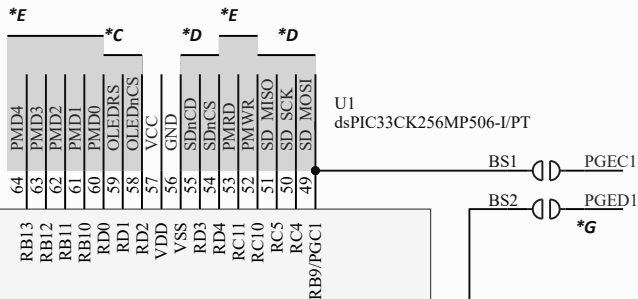
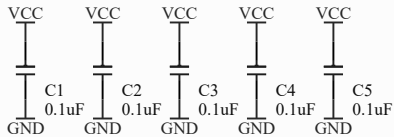


***OLED Interface**
 OLED_SCK(P4, RP61)
 OLED_MISO(P5, RP62)
 OLED_MOSI(P6, RP63)
 OELDnCS(P58, RD2)
 OLEDRS(P59, RD1)
 OLEDRST(P8, RD15)

***UART Interface**
 MCU_RX(P31, RP74)
 MCU_TX(P32, RP55)

***MicroSD Socket**
 SD_SCK(P49, RP41)
 SD_MISO(P50, RP52)
 SD_MOSI(P51, RP53)
 SDnCS(P54, RD4)
 SDnCD(P55, RD3)



*E	PMD5	1	RB14
	PMD6	2	RB15
	PMD7	3	RC12
*C	OLED_SCK	4	RC13
	OLED_MISO	5	RC14
	OLED_MOSI	6	RC15
	nMCLR	7	MCLR
*C	OLEDRST	8	RD15
	GND	9	VSS
	VCC	10	VDD
	*RD14	11	RD14
	*RD13	12	RD13
	MCUP13	13	RC0
	MCUP14	14	RA0
	*RA1	15	RA1
	*RA2	16	RA2

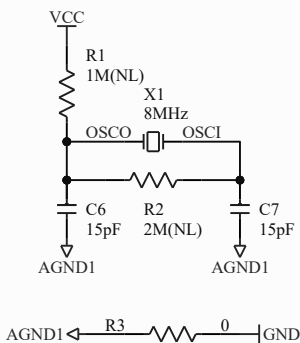
48	MCUP48
47	MCUP47
46	PGEC3
45	PGED3
44	MCUP44
43	MCUP43
42	MCUP42
41	VCC
40	GND
39	*RD8
38	*RD9
37	MCUP37
36	MCUP36
35	PGEC2
34	PGED2
33	MCUP33

RA3	17	*RA3
RA4	18	*RA4
VCC	19	VCC
GND	20	GND
MCUP21	21	MCUP21
MCUP22	22	MCUP22
MCUP23	23	MCUP23
MCUP24	24	MCUP24
VCC	25	VCC
GND	26	GND
MCUP27	27	MCUP27
OSCI	28	OSCI
OSCO	29	OSCO
PMA0	30	PMA0
MCU_RX	31	MCU_RX
MCU_TX	32	MCU_TX
RD10	33	RD10
RD11	34	RD11
RD12	35	RD12
RD13	36	RD13
RD14	37	RD14
RD15	38	RD15
RD16	39	RD16
RD17	40	RD17
RD18	41	RD18
RD19	42	RD19
RD20	43	RD20
RD21	44	RD21
RD22	45	RD22
RD23	46	RD23
RD24	47	RD24
RD25	48	RD25
RD26	49	RD26
RD27	50	RD27
RD28	51	RD28
RD29	52	RD29
RD30	53	RD30
RD31	54	RD31
RD32	55	RD32
RD33	56	RD33
RD34	57	RD34
RD35	58	RD35
RD36	59	RD36
RD37	60	RD37
RD38	61	RD38
RD39	62	RD39
RD40	63	RD40
RD41	64	RD41

CON1	1	*RD14
SC-08	2	*RD13
	3	*RA1
	4	*RA2
	5	*RA3
	6	*RA4
	7	*RD9
	8	*RD8

dsPIC33CK256MPxx6, PIM for APP041

- *A All jumpers setting are same as PIC24F setting.
- *B The pins assigned not fully compliant with PIC24F
- *C Pre-assigned for on board OLED module
- *D Pre-assigned for on board MicroSD Card Socket
- *E Pre-assigned for on board character LCD Module
- *F On board Crystal available only
- *G PCB open by default, short for PGEx1



Pin 64	PMD4
Pin 63	PMD3
Pin 62	PMD2
Pin 61	PMD1
Pin 60	PMD0
Pin 59	OLEDRS
Pin 58	OLEDRS
Pin 57	OLEDRS
Pin 56	OLEDRS
Pin 55	SDnCD
Pin 54	SDnCS
Pin 53	PMWR
Pin 52	PMWR
Pin 51	SD MISO
Pin 50	SD SCK
Pin 49	SD MOSI

SOCKET1
PIM-APP041

PMD5	1
PMD6	2
PMD7	3
OLED_SCK	4
OLED_MISO	5
OLED_MOSI	6
nMCLR	7
OLEDRST	8
GND	9
PGEC3	10
PGED3	11
MCUP13	12
MCUP14	13
PGEC1	14
PGED1	15
	16

Pin 48	MCUP48
Pin 47	MCUP47
Pin 46	46
Pin 45	45
Pin 44	44
Pin 43	MCUP43
Pin 42	MCUP42
Pin 41	GND
Pin 40	40
Pin 39	39
Pin 38	VCC
Pin 37	MCUP37
Pin 36	MCUP36
Pin 35	35
Pin 34	34
Pin 33	MCUP33

64 Pins, TQFP Socket

Training Material Available !
www.microchip.com.tw/RTC/RTC_DVD

Title		
APP041-3 dsPIC33CK PIM for APP041		
Size	Number	Revision
A4		v1.10
Date:	11/15/2020	Sheet of
File:	D:\Design\...\APP041-3 v1.10.SchDoc	Drawn By: Adam Syu