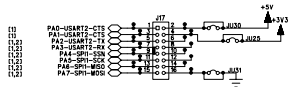
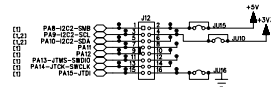


Port Expansion Connectors (for ribbon cables) 2x8 DIL Headers

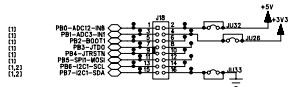
Port A0 to A7



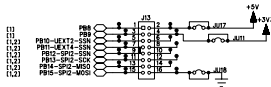
Port A8 to A15



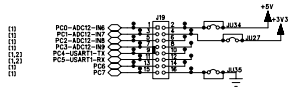
Port B0 to B7



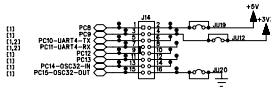
Port B8 to B15



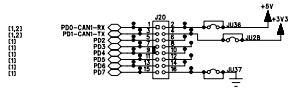
Port C0 to C7



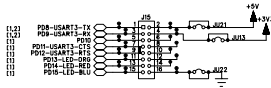
Port C8 to C15



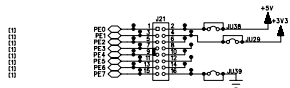
Port D0 to D7



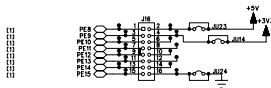
Port D8 to D15



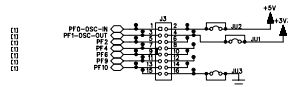
Port E0 to E7



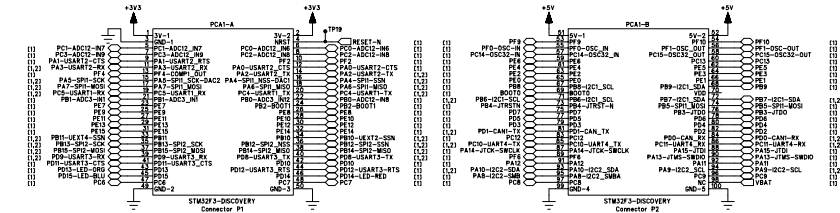
Port E8 to E15



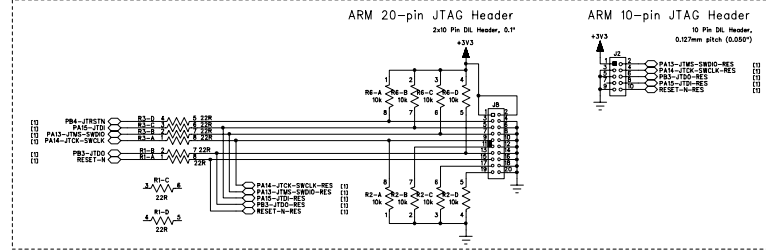
Port F0 to F10



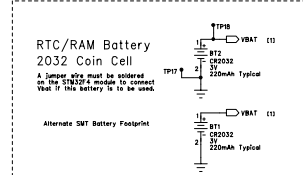
STMicro Discovery-F3 Board with STM32F303VCT6



Not Installed

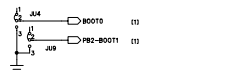


Not Installed



Not Installed

Boot Option Headers



BOOT0 and BOOT1 have pullup resistors on the Discovery board. The SB2 & SB16 bridges are installed by default on Discovery board, pulling BOOT0 & BOOT1 low (forcing user program to run). SB16 must be removed to use the serial bootloader.

BOOT1	BOOT0	ACTION
X	LO	Run user program from Flash
LO	HI	Run USART1 Bootloader from ROM
HI	HI	Run SRAM program

507-23 Pinout



* = Part fitted to incorrect decal. & = Part added as salvage. X = track cut.

REV.	DATE	ECO NUMBER (DESCRIPTION)	APPR'D
1.01	19Jul13	PCB renumber applied.	SK

DESIGNED	DATE
Scot Kornak	Sept 2012
DRAWN	DATE
Scot Kornak	Sept 2012
CHECKED	DATE
Scot Kornak	Sept 2012
APPROVED	DATE
Scot Kornak	Sept 2012

Kornak Technologies Inc.
www.Kornak.ca Calgary, Alberta, Canada

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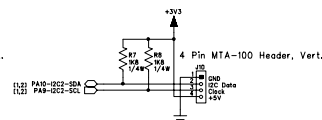
CLASSIFICATION
RELEASED TO PUBLIC

TITLE
DISCOVERY
STM32-F3U
UEXT BaseBoard

KTI DRAWING NUMBER - REVISION
SCH-(STM32-F3U-1.00) Rev1.01

DRAWING IS FOR PART NUMBER - REVISION
PCB-STM32-F3U-1.00
(PCB-710-1.00)

SHEET 1 OF 2



SHEET 2 OF 2	
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* = Part fitted to incorrect decal. & = Part added as salvage. X = track cut.